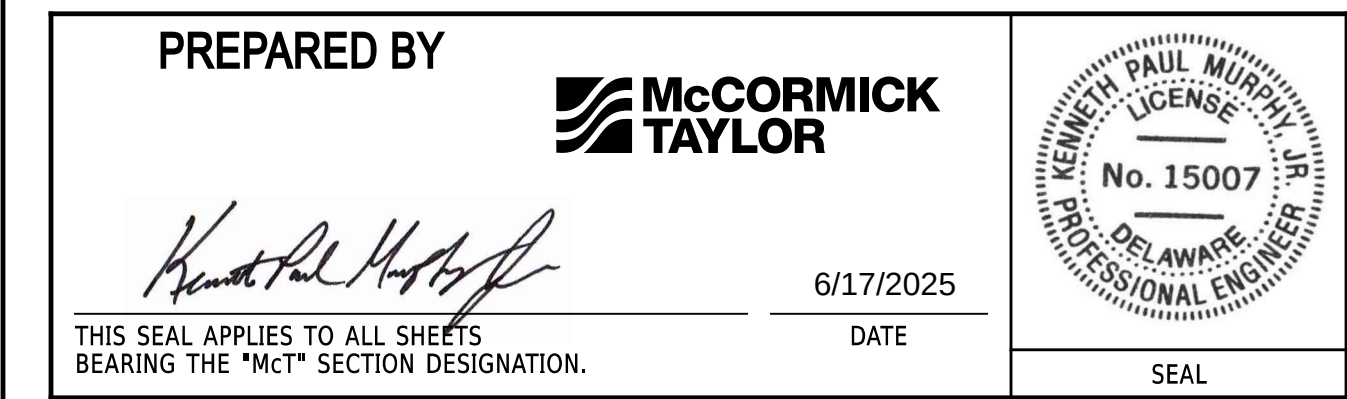
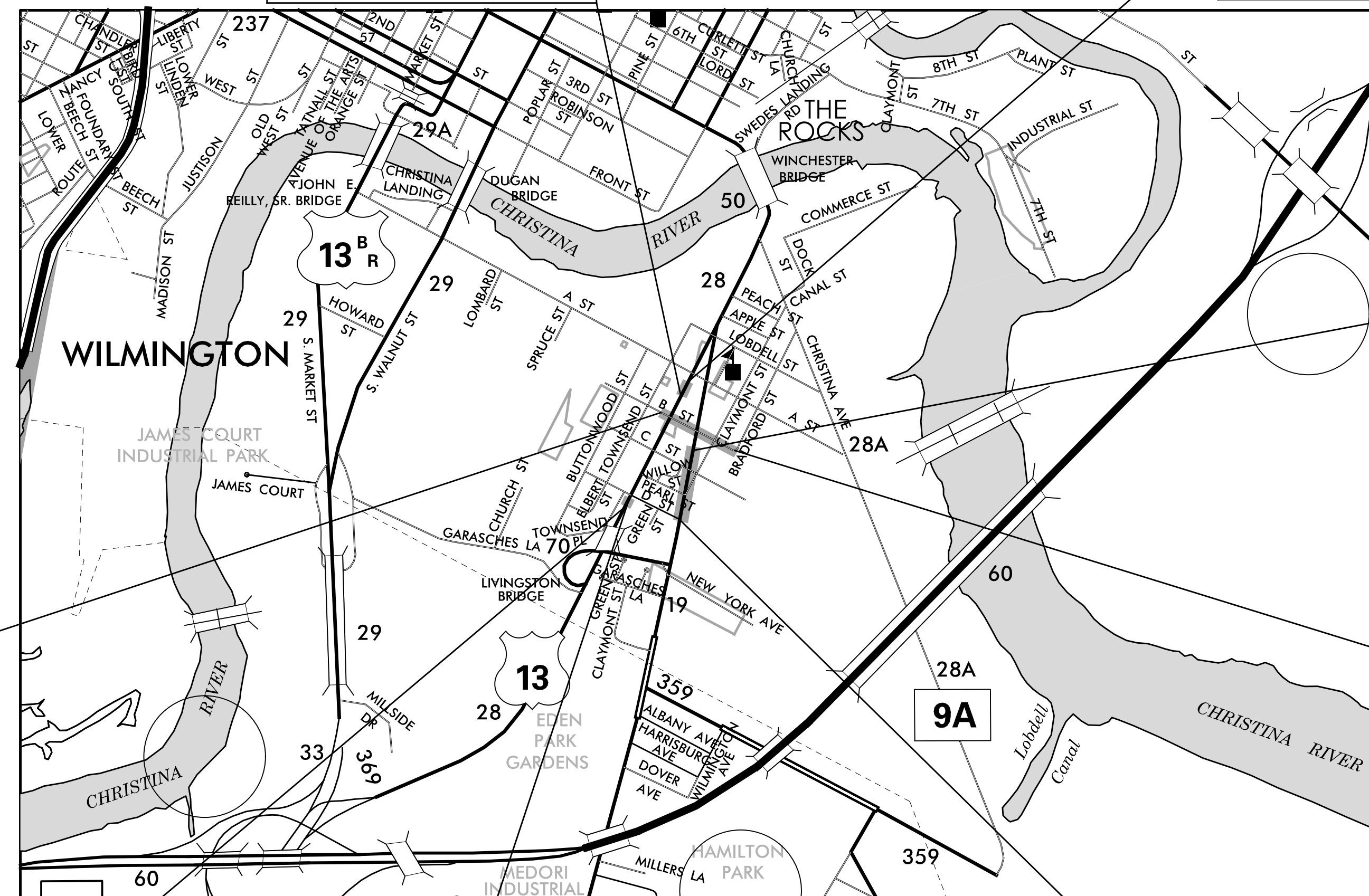




SOUTHBRIDGE STREETSCAPE IMPROVEMENTS PHASE III

**LIMIT OF CONTRACT
STATION 99+80**

LIMIT OF CONTRACT STATION 100+50



**BEGIN CONTRACT
STATION 600+00**

LIMIT OF CONTRACT STATION 88+00

LIMIT OF CONTRACT STATION 88+15

**LIMIT OF CONTRACT
STATION 290+00**

**LIMIT OF CONTRACT
STATION 295+00**

**END CONTRACT
STATION 610+80**

APPROVED FOR ADVERTISEMENT



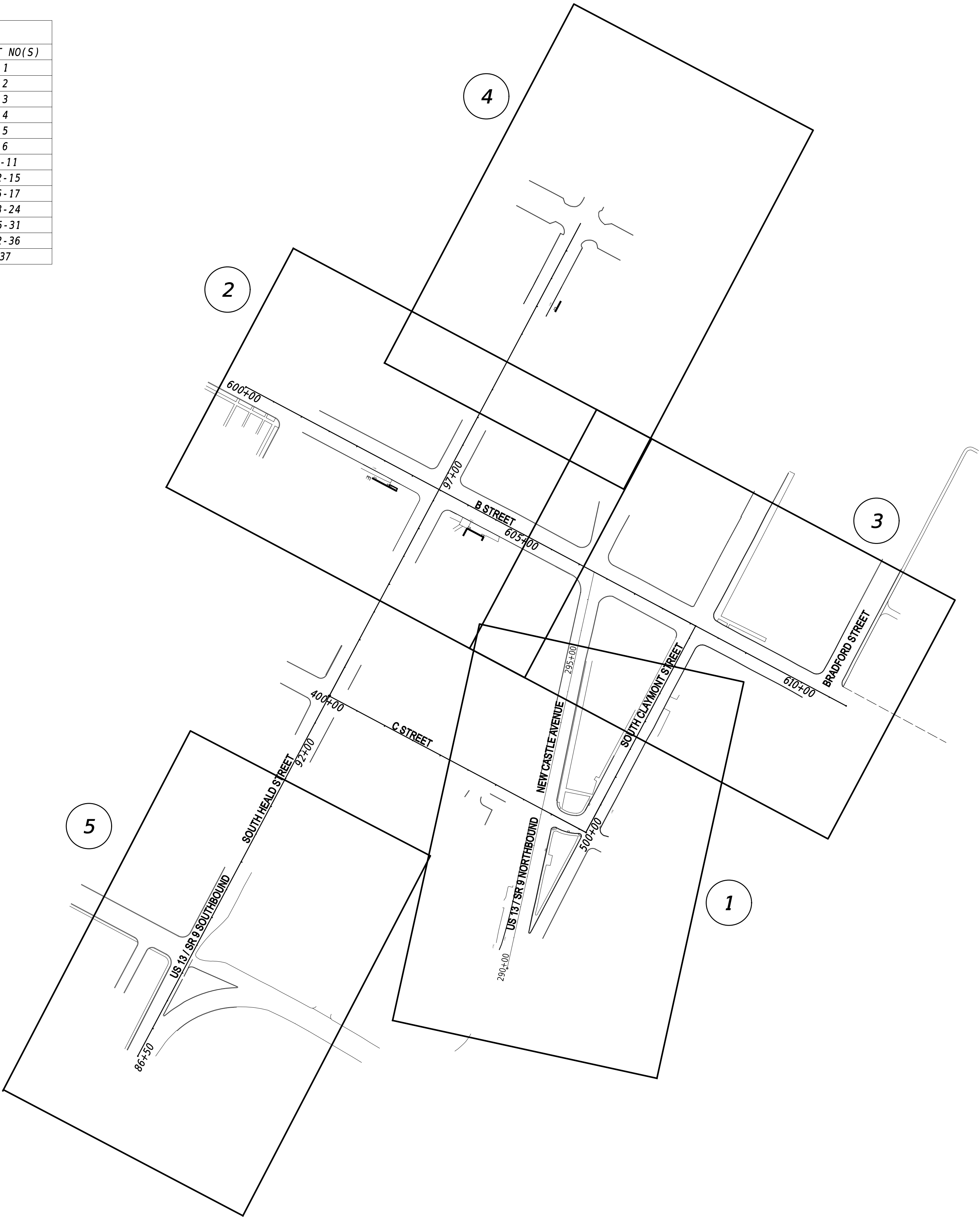
DIRECTOR OF TRANSPORTATION SOLUTIONS

10/14/2025

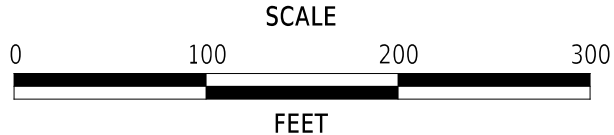
DATE

6-JUN-2025 09:06 \\PHLFS\NMWK_Projects\5967_DE_DeIDOT_No. 1838F\020_Southbridge_Streetscape_Improvements_Phase III.dgn

INDEX OF SHEETS	
SHEET DESCRIPTION	SHEET NO(S)
TITLE	1
INDEX OF SHEETS	2
ADDENDA AND REVISTONS	3
LEGEND	4
NOTES	5
HORIZONTAL AND VERTICAL CONTROL	6
CONSTRUCTION PLANS (CP)	7-11
GRADES AND GEOMETRICS (GG)	12-15
CONSTRUCTION DETAILS	16-17
CONSTRUCTION PHASING, M.O.T. AND EROSION CONTROL PLANS	18-24
LIGHTING PLANS	25-31
SIGNING, STRIPING AND CONDUIT PLANS (SS)	32-36
SIGNALIZATION PLANS	37



ADDENDA / REVISIONS	



SOUTHBRIDGE STREETScape
IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

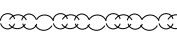
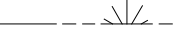
INDEX OF SHEETS	
SECTION	McT
SHEET NO.	2

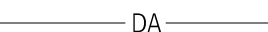
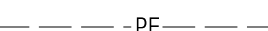
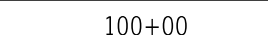
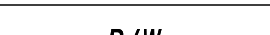
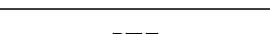


ADDENDA / REVISIONS		NOT TO SCALE	SOUTHBRIDGE STREETSCAPE IMPROVEMENTS PHASE III	CONTRACT	BRIDGE NO.	N/A	ADDENDA AND REVISIONS	SECTION	
				T202220003	DESIGNED BY: F.ATIQUE	MCT			
				COUNTY				SHEET NO.	
				NEW CASTLE	CHECKED BY: K.MURPHY				3

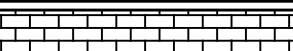
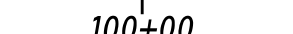
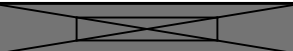
MANMADE ROADSIDE FEATURES			
FEATURE DESCRIPTION	EXISTING	PROPOSED	ID
BARRIER - DOUBLE-FACED, PERMANENT	BARRIER, TYPE "X"		
BARRIER - SINGLE-FACED, PERMANENT, TEST LEVEL 4 / TEST LEVEL 5			
BARRIER - HIGH TENSION CABLE (HTCB)			
BARRIER - HTCB END TERMINAL			
BOLLARD - STEEL POLE			
BOLLARD - WOOD POST			
CURB, TYPE 1 AND TYPE 3	CURB, TYPE "X"		
CURB, TYPE 2			
CURB & GUTTER, TYPE 1			
CURB & GUTTER, TYPE 2			
CURB & GUTTER, TYPE 3	C&G, TYPE "X"		
CURB OPENING - SUMP / ON GRADE			
CURB/SW OPENING - ADJACENT CURB			
CURB/SW OPENING - NON-ADJACENT CURB			
FENCE - CHAINLINK OR STRANDED			
FENCE - STOCKADE OR SPLIT RAIL			
FLAG POLE	F.P.		
GUARDRAIL - STEEL BEAM, TYPE 1			
GUARDRAIL - STEEL BEAM, TYPE 2			
GUARDRAIL - STEEL BEAM, TYPE 3			
GUARDRAIL - WIRE ROPE			
GUARDRAIL - END ANCHORAGE			
GUARDRAIL - END TREATMENT, TYPE 1			
GUARDRAIL - END TREATMENT, TYPE 2			
GUARDRAIL - END TREATMENT, TYPE 3			
IMPACT ATTENUATOR			
LAMP AND POST - RESIDENTIAL	LAMP 		
MAILBOX	MB 	MB 	
PARKING METER AND POST	P.M. 		
PAVEMENT - FLEXIBLE	-----		
PAVEMENT - RIGID	=====		
PILE - BRIDGE			
PILLAR OR MISCELLANEOUS POST			
TRAFFIC SIGN AND POST			
WALL - BRICK OR BLOCK			
WALL - STONE			
DRAINAGE FEATURES			
FEATURE DESCRIPTION	EXISTING	PROPOSED	ID
BIOFILTRATION SWALE			
DITCH OR STREAM (V-SHAPE / TRAPEZOIDAL)			
DIRECTIONAL STREAM FLOW ARROW			
DRAINAGE INLET	C.B. 	D.I. 	
DRAINAGE JUNCTION BOX	J.B. 		
DRAINAGE MANHOLE	ⓓ	●	
DRAINAGE PIPE AND FLOW ARROW	SIZE/TYPE LABEL →	→	
FLARED END SECTION			
RIPRAP - AREA FEATURE			
RIPRAP - LINEAR FEATURE			
SAFETY END STRUCTURE			
UNDERDRAIN			
UNDERDRAIN OUTLET			
NEW ADDITIONS			
ADDITIONS			

UTILITY FEATURES		
FEATURE DESCRIPTION	EXISTING	PROPOSED
COMMUNICATIONS DISTRIBUTION BOX		
COMMUNICATIONS MANHOLE	Ⓢ	Ⓢ
COMMUNICATIONS TEST POINT	CT	T
COMMUNICATIONS - UNDERGROUND	COMM(A)	COMM
ELECTRIC - UNDERGROUND	E(A)	E
ELECTRIC MANHOLE	ⓔ	ⓔ
ELECTRIC METER	EM	
ELECTRIC TRANSFORMER	E	
GAS - UNDERGROUND	G(A)	G
GAS MANHOLE	ⓖ	ⓖ
GAS METER	G.M.	
GAS VALVE	G.V.	
GAS PUMP - SERVICE STATION	G.P.	
IRRIGATION - UNDERGROUND	IR(A)	IR
ITMS - UNDERGROUND	ITMS(A)	ITMS
LIGHTING - UNDERGROUND	LI(A)	LI
LUMINAIRE - POLE MOUNTED		
MANHOLE - UNDETERMINED OWNER	?	
RAILROAD TRACKS		
SANITARY - UNDERGROUND	S(A)	S
SANITARY SEWER MANHOLE	Ⓢ	Ⓢ
SANITARY SEWER VALVE	S.V.	
SANITARY SEWER CLEANOUT OR VENT	S.C.O.	
SEPTIC DRAIN FIELD	S.D.F.	
SIGNALIZATION - UNDERGROUND	SIG(A)	SIG
SOIL BORING LOCATION		
TELEPHONE BOOTH	B	
TRAFFIC - CONDUIT JUNCTION WELL	J.W.	
TRAFFIC - LIGHT POLE AND BASE	Ⓢ	Ⓢ
TRAFFIC - PEDESTRIAN POLE & BASE	Ⓢ	Ⓢ
TRAFFIC - SIGNAL CABINET & BASE		
TRAFFIC - SIGNAL POLE AND BASE	Ⓢ	Ⓢ
UTILITY BOX	U	
UTILITY MARKER	UM	
UTILITY POLE GUY WIRE ANCHOR	Ⓢ	Ⓢ
UTILITY POLE	Ⓢ	Ⓢ
UTILITY TEST HOLE LOCATION		
WATER - UNDERGROUND	W(A)	W
WATER - FIRE HYDRANT	F.H.	F.H.
WATER METER	W.M.	
WATER VALVE	W.V.	W.V.
WELL HEAD	WELL	
PAVEMENT SECTION(S)		
OVERLAY PAVEMENT - SEE TYPICAL SECTIONS FOR MATERIALS AND DEPTHS		
RECONSTRUCTED PAVEMENT - SEE TYPICAL SECTIONS FOR MATERIALS AND DEPTHS		
DRIVEWAY AND ENTRANCE PAVEMENT - SEE NOTES FOR MATERIALS AND DEPTHS		

NATURAL ROADSIDE FEATURES		
FEATURE DESCRIPTION	EXISTING	PROPOSED
HEDGEROW OR THICKET		
MARSH BOUNDARY LINE		
TREE - CONIFEROUS		
TREE - DECIDUOUS		
TREE STUMP		
SHRUBBERY		
WETLAND BOUNDARY - DELINEATED		
WOODS LINE BOUNDARY		

RIGHT-OF-WAY FEATURES		
FEATURE DESCRIPTION	EXISTING	PROPOSED
DENIAL OF ACCESS		
EASEMENT - OTHERS		
PERMANENT EASEMENT		
PROPERTY LINE		
PROPERTY MARKER - CONCRETE		
PROPERTY MARKER - IRON PIPE		
RIGHT-OF-WAY BASELINE		
RIGHT-OF-WAY LINE		
RIGHT-OF-WAY BY PE		
RIGHT-OF-WAY & DENIAL OF ACCESS		
RIGHT-TO-ENTER		
TEMPORARY CONSTRUCTION EASEMENT		

SURVEY CONTROL & MONUMENTATION	
FEATURE DESCRIPTION	EXISTING
POINT OF CURVATURE OR TANGENCY	
POINT OF INTERSECTING TANGENTS	
SURVEY BENCHMARK LOCATION	
SURVEY NGS POINT LOCATION	
SURVEY TIE POINT LOCATION	
SURVEY TRAVERSE POINT	

MISCELLANEOUS FEATURES	
FEATURE DESCRIPTION	PROPOSED
BRICK PATTERNED SURFACE	
BUTT JOINT	
CLEAR ZONE	
CONSTRUCTION BASELINE	
LATERAL OFFSET	
LIMIT OF CONSTRUCTION	
PAVEMENT PATCH	
PAVEMENT REMOVAL - TOPSOIL, SEED AND MULCH	
P.C.C. SIDEWALK - 4"	
P.C.C. SIDEWALK - 6" (USE 8" DEPTH FOR CHANNELIZATION ISLANDS.)	

SCALE	SOUTHBRIDGE STREETSCAPE IMPROVEMENTS PHASE III
	</

IDENTIFIERS	
FEATURE DESCRIPTION	ID
ABANDON BY CONTRACTOR	AB C
ABANDON BY OTHERS	AB O
ADJUST BY CONTRACTOR	A C
ADJUST BY OTHERS	A O
BEST MANAGEMENT PRACTICE	BMP XXX
BUS STOP PAD / TYPE	BSP X
BUS STOP WITH SHELTER PAD / TYPE	BSPX
CONCRETE SAFETY BARRIER	B XXX
CONVERT TO JUNCTION BOX	CJB XXX
CONVERT TO DRAINAGE MANHOLE	CMH XXX
DO NOT DISTURB	DND
ENERGY DISSIPATOR	ED XXX
FILL WITH FLOWABLE FILL	FF C
LANDSCAPE PLANTINGS	LS XXX
PEDESTRIAN CONNECTION / TYPE	PC X
PEDESTRIAN CONNECTION / TYPE WITHOUT DETECTABLE WARNING SYSTEM	PC-N XXX
RELOCATE BY CONTRACTOR	RL C
RELOCATE BY OTHERS	RL O
RELOCATE BY PROPERTY OWNER	RL PO
REMOVE BY CONTRACTOR	RL C
REMOVE BY OTHERS	RL O
REMOVE BY TRAFFIC CONTRACTOR	RL TC
RIGHT-OF-WAY MONUMENT	N XXX

UTILITY COMPANY FACILITIES	
CEN COMM(D)	CENTURYLINK COMMUNICATION
CW S(C)	CITY OF WIMINGTON-SEWER
CW W(D)	CITY OF WILMINGTON-WATER
DP G(D)	DELMARVA POWER GAS
DP E(D)	DELMARVA POWER ELECTRIC
ATT COMM(D)	AT&T UNDERGROUND CABLE
COM COMM(D)	COMCAST UNDERGROUND CABLE
DPC	DELAWARE PIPELINE COMPANY
VER COMM(D)	VERIZON UNDERGROUND CABLE
CC COMM(D)	CROWN CASTLE UNDERGROUND CABLE

14-OCT-2025
\\192.0.0.34\\NWK_Projects\\S967_DE_DeDOT_No_1836F\\020_Southbridge_Streetscape_Improvements_Phase III.dgn

GENERAL NOTES

1. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", JANUARY 2024 AND THE DELAWARE DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS", DATED AUGUST 2024.

2. ELECTRONIC DESIGN DATA FILES THAT WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR, INCLUDE:

(X)	NONE
()	ASCII DATA FILES WITH COORDINATES AND ELEVATIONS FOR PROPOSED POINTS AS SELECTED BY THE ENGINEER.
()	EXISTING DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
()	PROPOSED DIGITAL TERRAIN MODEL, IN .DTM FILE FORMAT, COMPATIBLE WITH SOFTWARE CURRENTLY USED BY DELDOT.
()	DESIGN FILE, IN .DGN FILE FORMAT, THAT CONTAINS 3D FEATURE LINES FOR THE PROPOSED DESIGN. 3D FEATURE LINES ARE FOR THE PROPOSED TOP SURFACE ELEVATION ONLY.

NOTE: THE DOCUMENT ENTITLED "RELEASE FOR DELIVERY OF DOCUMENTS IN ELECTRONIC FORM TO A CONTRACTOR" MUST BE SIGNED BY ALL PARTIES PRIOR TO THE DELIVERY OF ANY ELECTRONIC PROJECT FILES.

NOTE: THERE MAY BE SOME AREAS OF THE PROJECT NOT INCLUDED IN THE ELECTRONIC DESIGN DATA FILE(S). IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE DESIGN DATA FILE AND DETERMINE THE LIMITS OF THE PROJECT INCLUDED.

3. PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE CONTRACTOR, INCLUDE:

()	CROSS SECTIONS
()	RIGHT-OF-WAY PLANS (WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR)

SECTION 100

4. ANY DAMAGE TO ITEMS NOTED TO BE RELOCATED OR RESET BY THE CONTRACTOR, AT THE DISCRETION OF THE ENGINEER, SHALL BE REPAIRED AND/OR REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
5. THE CONTRACTOR WILL CONTACT THE DELAWARE TMC AT 302-659-4600 PRIOR TO ANY UNMANNED AERIAL VEHICLE (UAV) FLIGHTS. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE THE FOLLOWING INFORMATION: THE REGISTRATION NUMBER OF THE UAV, THE FLIGHT TIME, LOCATION OF THE FLIGHT, THE PILOT'S NAME AND THE PILOT'S CONTACT NUMBER DURING THE FLIGHT.

SECTION 600

6. STATION AND ELEVATION DATA GIVEN FOR DRAINAGE STRUCTURES ARE TO BE APPLIED TO THE CENTER OF THE GRATE FOR INLETS AND TO THE CENTER OF THE STRUCTURE FOR JUNCTION BOXES AND MANHOLES.

SECTION 700

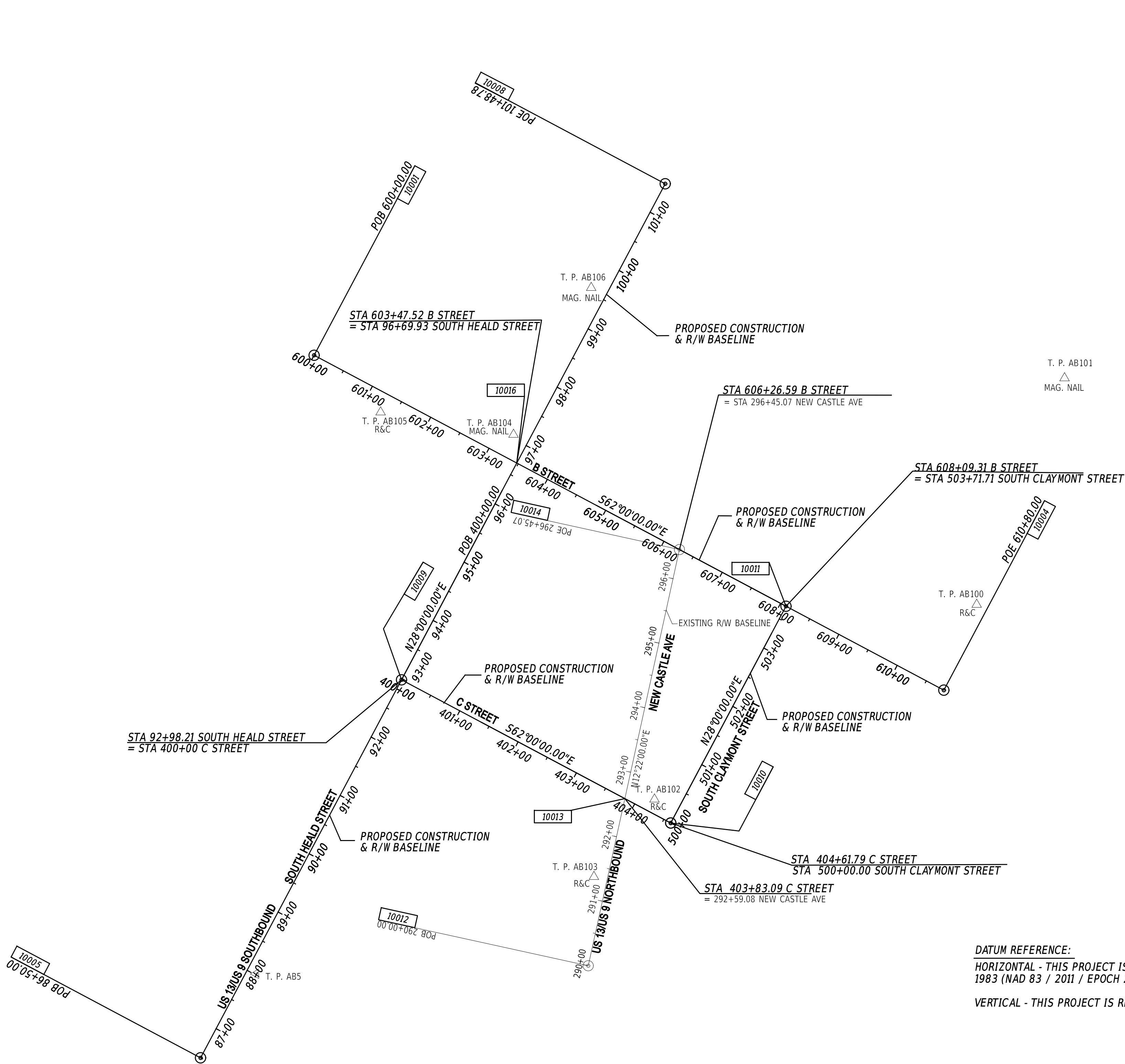
7. IN AREAS WHERE PROPOSED CURB MEETS EXISTING CURB AND THE TWO CURB TYPES ARE NOT SIMILAR, THE PROPOSED CURB SHALL BE TRANSITIONED IN 10 LINEAR FEET, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE TRANSITIONED CURB WORK SHALL BE MEASURED AND PAID FOR UNDER THE PROPOSED CURB ITEM. SAW CUTTING OF THE EXISTING CURB SHALL BE INCIDENTAL TO THE PROPOSED CURB ITEM.
8. WHERE PROPOSED CONCRETE SIDEWALK IS CONSTRUCTED TO MEET EXISTING SIDEWALK, THE EXISTING SIDEWALK SHALL BE SAWCUT AT THE TIE-IN POINT OR MEET THE NEAREST EXISTING SIDEWALK JOINT. ALL SAW CUTTING SHALL BE FULL DEPTH, UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM 762001 - SAWCUTTING, CONCRETE, FULL DEPTH.
9. ALL PAVED AREAS TO BE RECONSTRUCTED OR WIDENED SHALL BE SAWCUT AT THE POINT WHERE THE NEW PAVEMENT IS TO TIE INTO THE EXISTING PAVEMENT.
10. ONLY EXISTING FEATURES WITHIN THE LOC IDENTIFIED BY CONTRACTOR OR BY OTHER METHODS ARE TO BE REMOVED OR DISTURBED.

MISCELLANEOUS

11. THE CONTRACTOR SHALL NOTIFY DART FIRST STATE AT DOT_DETOURS@DELAWARE.GOV AT LEAST 14 DAYS PRIOR TO THE START OF ANY DETOURS OR CONSTRUCTION, AND DOT_DTC_PROJECTDEVELOPMENT@DELAWARE.GOV AT SUCH TIME THE FACILITY IS COMPLETED AND OPERABLE FOR TRANSIT OPERATIONS. FOR EMERGENCY DETOUR INFORMATION ONLY, PLEASE CONTACT DTC'S CHIEF SCHEDULER AT 302-576-6019.
12. THE CONTRACTOR SHALL ORDER TRAFFIC SIGNAL ITEMS AND LONG LEAD ITEMS AT THE START OF THE PROJECT.
13. WHEN CONSTRUCTING THE MAST ARM POLE BASE FOR FOR TRAFFIC SIGNAL POLE PL-5, THE CONTRACTOR SHOULD EXCAVATE BELOW GROUND TO 12-FT TO REMOVE THE LOOSE SAND AT 10 TO 12-FT AND REPLACE WITH A COMPACTED FILL WITH SOIL EXCAVATED BETWEEN 4-FT AND 8-FT.
14. A CONTAMINATED MATERIALS MANAGEMENT PLAN (CMMP) AND HEALTH AND SAFETY PLAN (HASP) HAVE BEEN PROVIDED AS PART OF THE CONTRACT DOCUMENTS. COOPERATION SHALL BE MAINTAINED WITH DNREC PERSONNEL AND THE DEPARTMENT'S ENVIRONMENTAL REPRESENTATIVE THROUGHOUT THE DURATION OF THE CONTRACT TO ENSURE THAT THE GOALS OF THE PROGRAM ARE ADDRESSED. EXCAVATION WORK WILL TAKE PLACE IN AREAS THAT MAY CONTAIN CONTAMINATED SOIL AND/OR GROUNDWATER.
15. WORKER SAFETY TRAINING AND PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS FOR EXCAVATION CONTRACTORS OUTLINES IN THE HASP ARE:
a. 24-HOUR OSHA HAZWOPER TRAINING
b. MODIFIED LEVEL D PERSONAL PROTECTIVE EQUIPMENT (HARD HATS, STEEL TOE BOOTS, NITRILE GLOVES, SAFETY VESTS)
16. NO SOIL CAN BE TAKEN OFF SITE WITHOUT APPROVAL OF THE ENGINEER. CONTAMINATED SOIL DISPOSAL WILL BE HANDLED BY THE DEPARTMENT'S ENVIRONMENTAL REPRESENTATIVE. ALL SOIL EXCAVATED DUE TO THE PROJECT'S CONSTRUCTION SHALL BE STOCKPILED IN THE DESIGNATED STOCKPILE AREAS, REUSED AS BACKFILL MATERIAL, OR DIRECT LOADED INTO THE ENVIRONMENTAL REPRESENTATIVE'S TRUCKS, AS DIRECTED BY THE ENVIRONMENTAL REPRESENTATIVE AND DELDOT STANDARD MATERIAL SPECIFICATIONS. SOIL THAT IS ENVIRONMENTALLY SUITABLE FOR REUSE WILL BE PAID FOR UNDER THE APPROPRIATE ITEM. THE CONTRACTOR SHALL REUSE CONTAMINATED SOIL AS EMBANKMENT, FILL, OR OTHER APPROPRIATE ON-SITE USE AS DETERMINED AND APPROVED BY THE ENGINEER AND THE ENVIRONMENTAL REPRESENTATIVE, AND IN ACCORDANCE WITH THE CONTRACT. THE CONTRACTOR IS RESPONSIBLE TO IDENTIFY A STAGING AREA LOCATED WITHIN LIMITS OF CONSTRUCTION FOR PLACEMENT OF THE SOIL PENDING SAMPLING ANALYSIS AND OFFSITE REMOVAL.
17. DUE TO LOCATION, NIGHT WORK IS NOT APPLICABLE FOR THE PROJECT.

ADDENDA / REVISIONS	

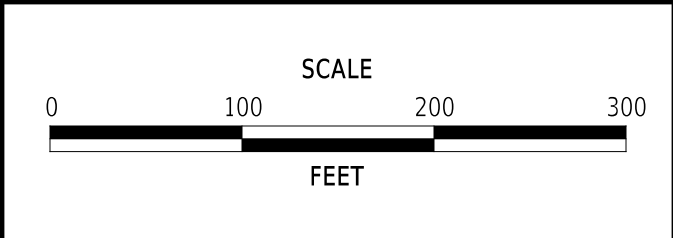
CONSTRUCTION ALIGNMENT CONTROL				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
10001	600+00.00	0.00	629950.9285	620059.1506
10002	605+00.00	0.00	629716.1927	620500.6244
10003	610+00.00	0.00	629481.4569	620942.0982
10004	610+80.00	0.00	629443.8992	621012.7340
10005	86+50.00	0.00	628887.2336	619887.1650
10006	92+00.00	0.00	629372.8548	620145.3744
10007	97+00.00	0.00	629814.3286	620380.1102
10008	101+48.78	0.00	630210.5812	620590.8014
10009	92+98.21	0.00	629459.5726	620191.4831
10010	404+61.79	0.00	629242.7763	620599.2177
10011	608+09.31	0.00	629570.9813	620773.7273
10012	290+00.00	0.00	629026.6588	620474.2459
10013	403+83.09	0.00	629279.7228	620529.7313
10014	296+45.07	0.00	629656.7612	620612.3987
10015	295+00.00	0.00	629515.0573	620581.3295
10016	603+47.52	0.00	629787.7776	620365.9927



HORIZONTAL / VERTICAL CONTROL DATA					
POINT NO.	STATION	OFFSET	NORTHING	EASTING	ELEV.
AB100	610+63.10	-137.69	629573.4099	621062.4546	5.53
AB101	610+19.69	-502.97	629916.3079	621195.6104	3.53
AB102	404+23.23	-20.07	629278.5968	620574.5925	6.57
AB103	291+33.38	-20.36	629161.3009	620482.9275	6.73
AB104	603+23.05	-35.68	629830.7687	620361.1324	8.47
AB105	601+29.41	28.84	629864.7132	620159.8740	6.93
AB106	99+57.18	-25.04	630053.1591	620478.7408	10.00
AB5	88+01.57	14.25	629014.3768	619970.9031	14.36

DATUM REFERENCE:
HORIZONTAL - THIS PROJECT IS REFERENCED TO THE DELAWARE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD 83 / 2011 / EPOCH 2010.00).
VERTICAL - THIS PROJECT IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88 BASED ON MODELED GEOID 12A).

ADDENDA / REVISIONS	



SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

HORIZONTAL AND VERTICAL CONTROL	
SECTION	McT
SHEET NO.	6

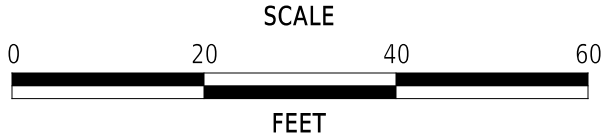
UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GROUND EL.	COVER	O.D. & MATERIAL
1	DP-G	292+33.95	-25.09	7.18	2.55	2" PE

CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
1	PCC CURB, TYPE 1-8	52'
2	PCC CURB, TYPE 1-8	35'
3	STONE CURB, REVEAL 4"	28'

NOTES:

1. EXCAVATION OF EXISTING PAVEMENT IN FRONT OF PARCEL 26-058.10-194 NOT TO EXCEED 2 FEET. IF EXCAVATION BELOW 2 FEET WILL BE REQUIRED CONTACT DELDOT HAZMAT GROUP AT (302) 894 6308 PRIOR TO PERFORMING EXCAVATION ACTIVITIES.
2. REMOVE POLE BASE TO DEPTH NECESSARY TO INSTALL JW-1 IN PLACE OF THE EXISTING MAST ARM POLE TO INTERCEPT EXISTING SIGNAL CONDUIT. REPLACE CONCRETE AROUND THE NEW JW-1 FLUSH WITH THE SURROUNDING AREA. AVOID IMPACTING ADA RAMPS.

ADDENDA / REVISIONS



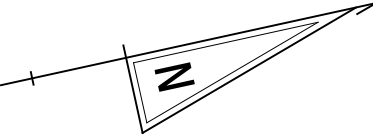
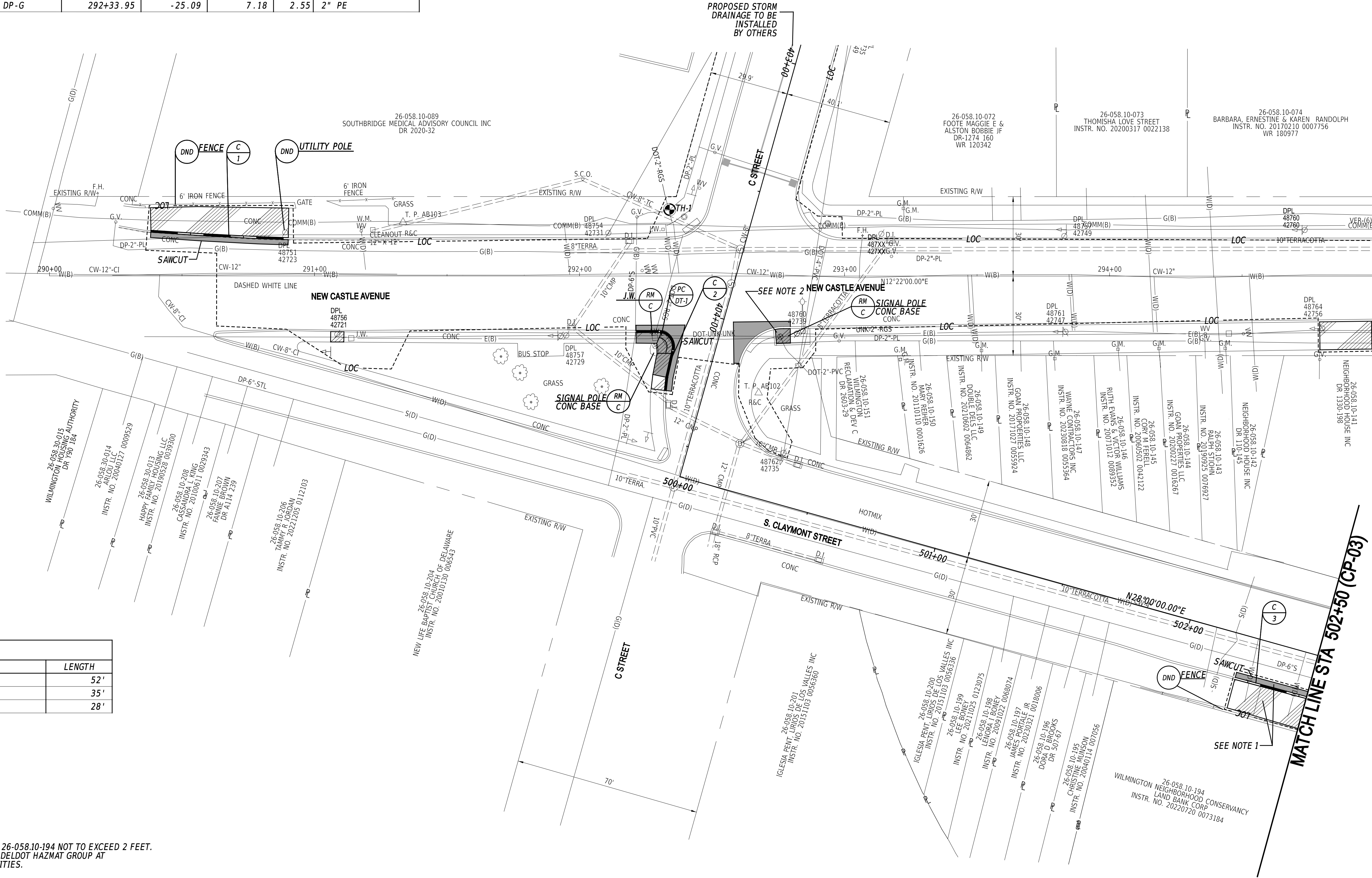
SOUTHBRIDGE STREETSCAPE
IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T2022220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

CONSTRUCTION PLAN

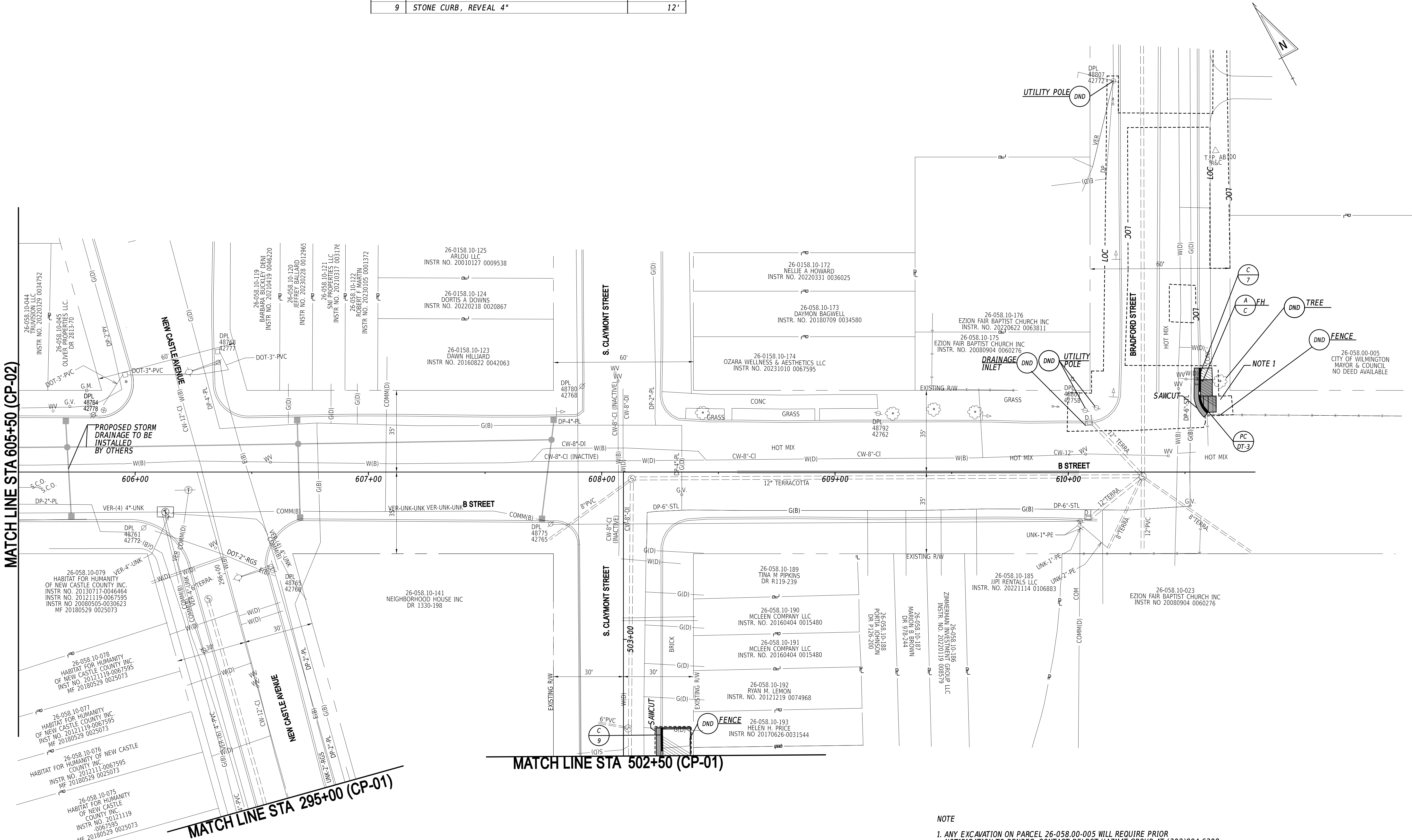
CP-01

SECTION
MCT
SHEET NO.
7



MATCH LINE STA 98+50 (CP-04)

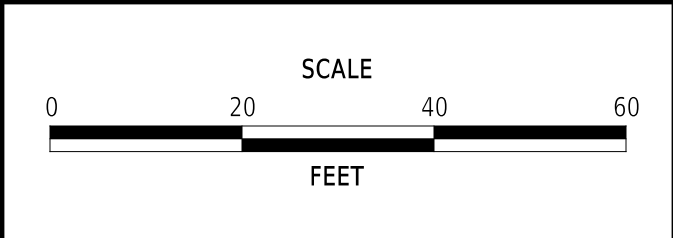
CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
7	PCC CURB, TYPE 1-6	21'
9	STONE CURB, REVEAL 4"	12'



NOTE

1. ANY EXCAVATION ON PARCEL 26-058.00-005 WILL REQUIRE PRIOR NOTIFICATION TO DENREC. CONTACT DELDOT HAZMAT GROUP AT (302)894-6308 PRIOR TO PERFORMING EXCAVATION ACTIVITIES.

ADDENDA / REVISIONS	



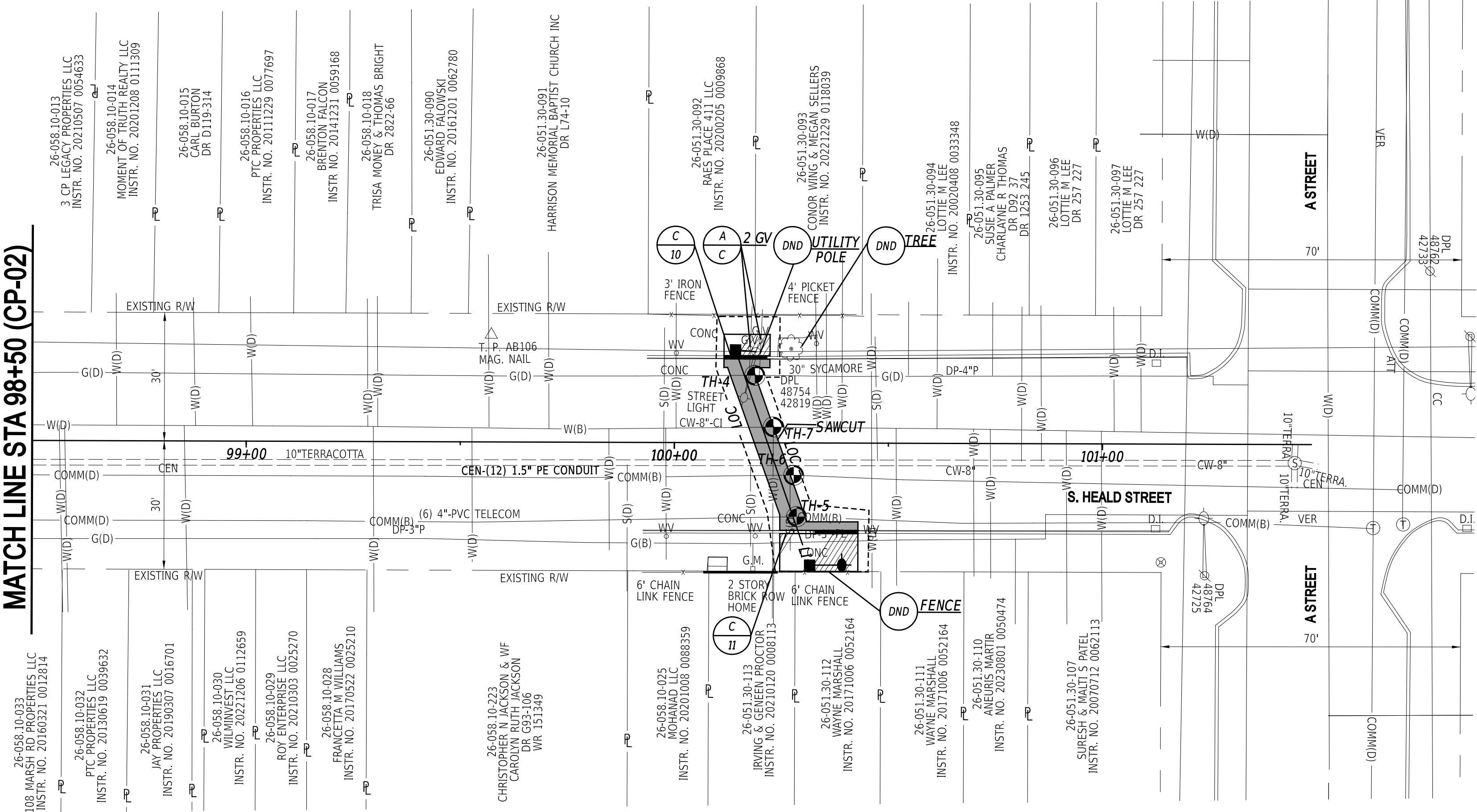
SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III	
CONTRACT	T202220003
COUNTY	NEW CASTLE

BRIDGE NO.	N/A
DESIGNED BY:	F.ATIQUE
CHECKED BY:	K.MURPHY

CONSTRUCTION PLAN	
SECTION	McT
SHEET NO.	9

CP-03
SECTION
McT
SHEET NO.
9

MATCH LINE STA 98+50 (CP-02)

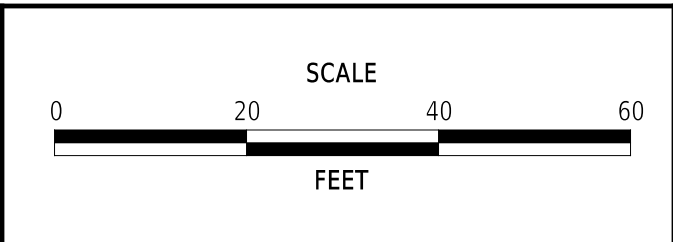


CURB SCHEDULE		
NO.	ITEM DESCRIPTION / TYPE	LENGTH
10	PCC CURB, TYPE 1-4, 3" REVEAL	11'
11	PCC CURB, TYPE 1-6	19'

UTILITY TEST HOLE SCHEDULE						
NO.	UTILITY	STATION	OFFSET	GROUND EL.	COVER	O.D. & MATERIAL
4	DP-G	100+18.77	-15.76	9.13	2.65	4" PE
5	VER	100+28.62	17.23	9.06	2.42	(6) 4" PVC
6	CEN	100+27.92	7.54	9.21	3.78	(12) 1.5" PE
7	CW	100+23.12	-3.71	9.41	4.08	8" CI

- NOTES:
- PERFORM TEST HOLE TO CONFIRM LOCATION OF UNDERGROUND VERIZON CONDUIT PRIOR TO INSTALLING GATEWAY SIGN.

ADDENDA / REVISIONS	

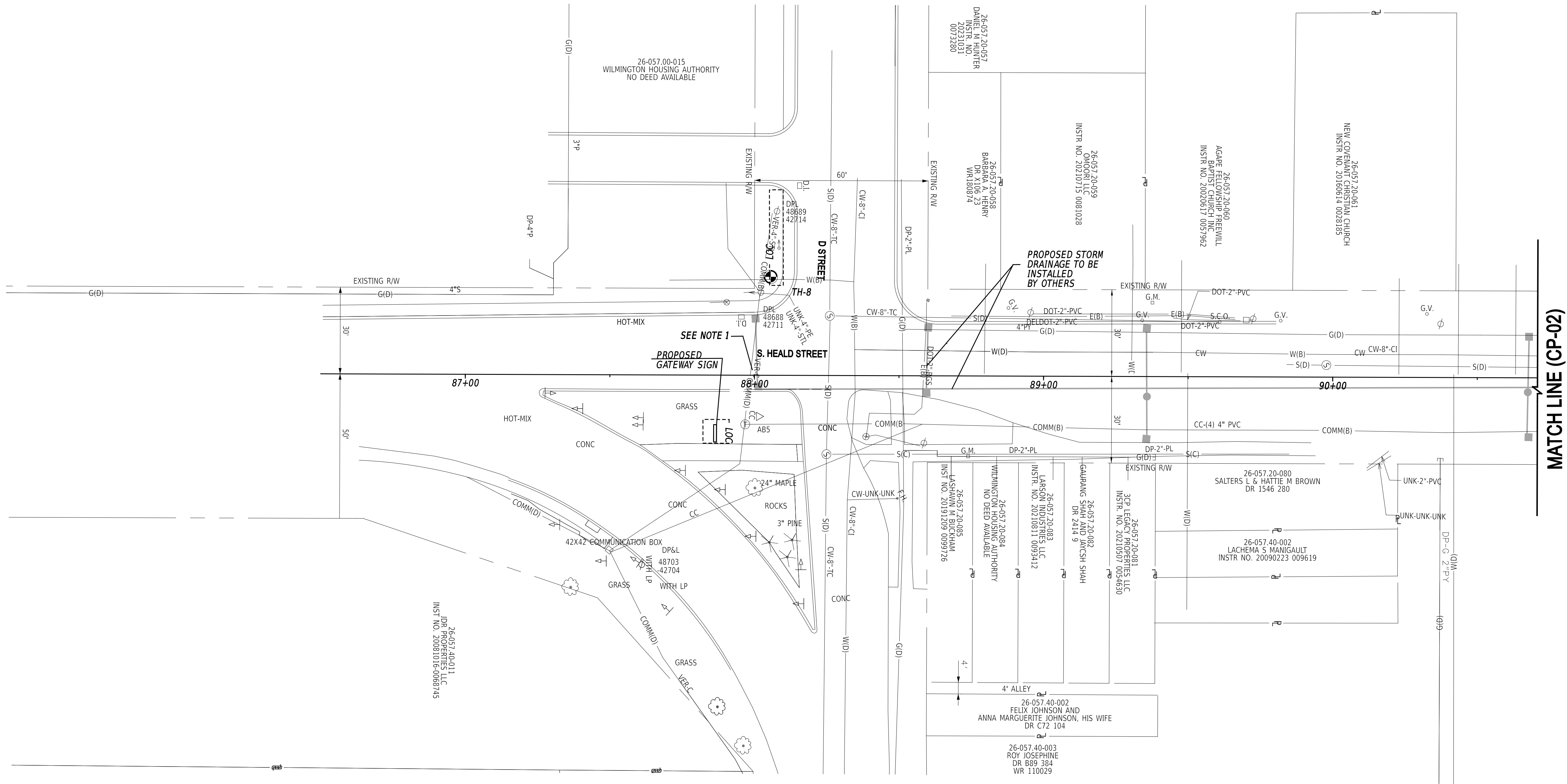


SOUTHBRIDGE STREETSCAPE IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

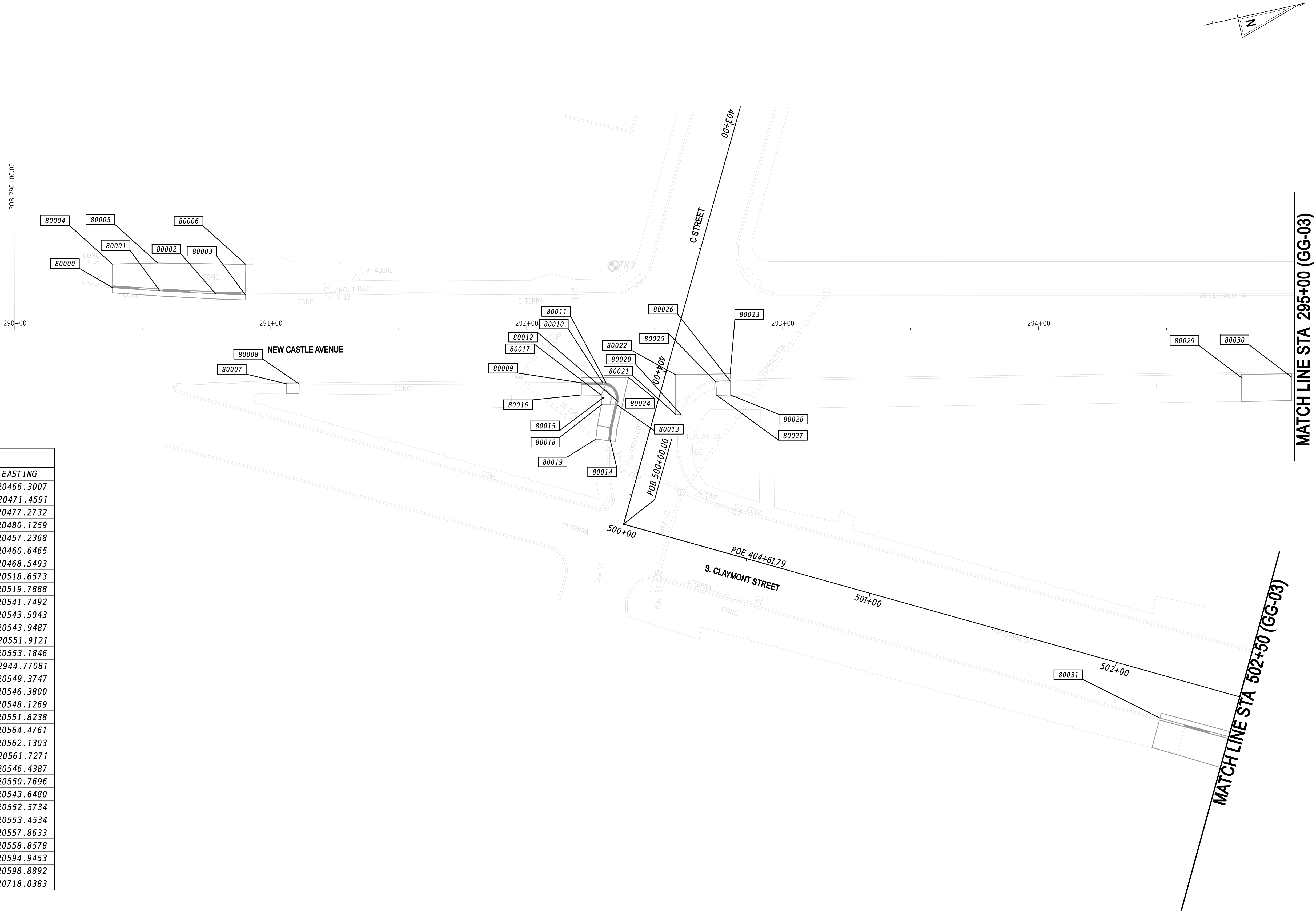
CONSTRUCTION PLAN	
SECTION	McT
SHEET NO.	11

CP-05

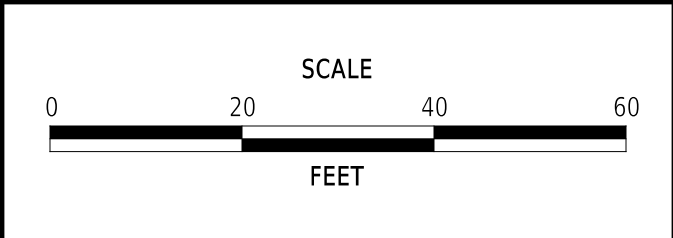


MATCH LINE (CP-02)

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
80000	290+38.19	-16.51	629067.5023	620466.3007
80001	290+56.66	-15.28	629085.2757	620471.4591
80002	290+78.50	-14.11	629106.3581	620477.2732
80003	290+90.05	-13.72	629117.5536	620480.1259
80004	290+38.05	-25.76	629069.3440	620457.2368
80005	290+55.80	-26.16	629086.7695	620460.6465
80006	290+90.24	-25.62	629120.2962	620468.5493
80007	291+08.75	21.62	629128.2536	620519.6573
80008	291+13.75	21.68	629133.1239	620519.7888
80009	292+21.29	20.59	629238.4076	620541.7492
80010	292+29.71	20.54	629246.6353	620543.5043
80011	292+31.09	20.69	629247.9561	620543.9487
80012	404+16.24	15.10	629250.8323	620551.9121
80013	404+17.64	15.02	629250.2384	620553.1846
80014	404+31.82	13.74	620566.3186	62944.77081
80015	292+29.75	26.54	629245.3952	620549.3747
80016	292+21.30	25.33	629237.4046	620546.3800
80017	292+29.10	25.40	629245.0062	620548.1269
80018	404+19.23	20.91	629244.2959	620551.8238
80019	404+32.76	19.41	629239.2618	620564.4761
80020	292+60.21	32.92	629273.7803	620562.1303
80021	292+58.21	32.95	629271.8214	620561.7271
80022	292+58.01	17.34	629274.9678	620546.4387
80023	292+79.49	17.06	629296.0118	620550.7696
80024	292+39.76	18.48	629256.8960	620543.6480
80025	292+73.83	20.15	629289.8175	620552.5734
80026	292+79.48	19.81	629295.4102	620553.4534
80027	292+74.27	25.47	629289.1056	620557.8633
80028	292+79.55	25.33	629294.2980	620558.8578
80029	294+79.24	18.49	629490.8198	620594.9453
80030	294+98.80	18.24	629509.9835	620598.8892
80031	502+22.19	16.43	629431.2413	620718.0383



ADDENDA / REVISIONS	

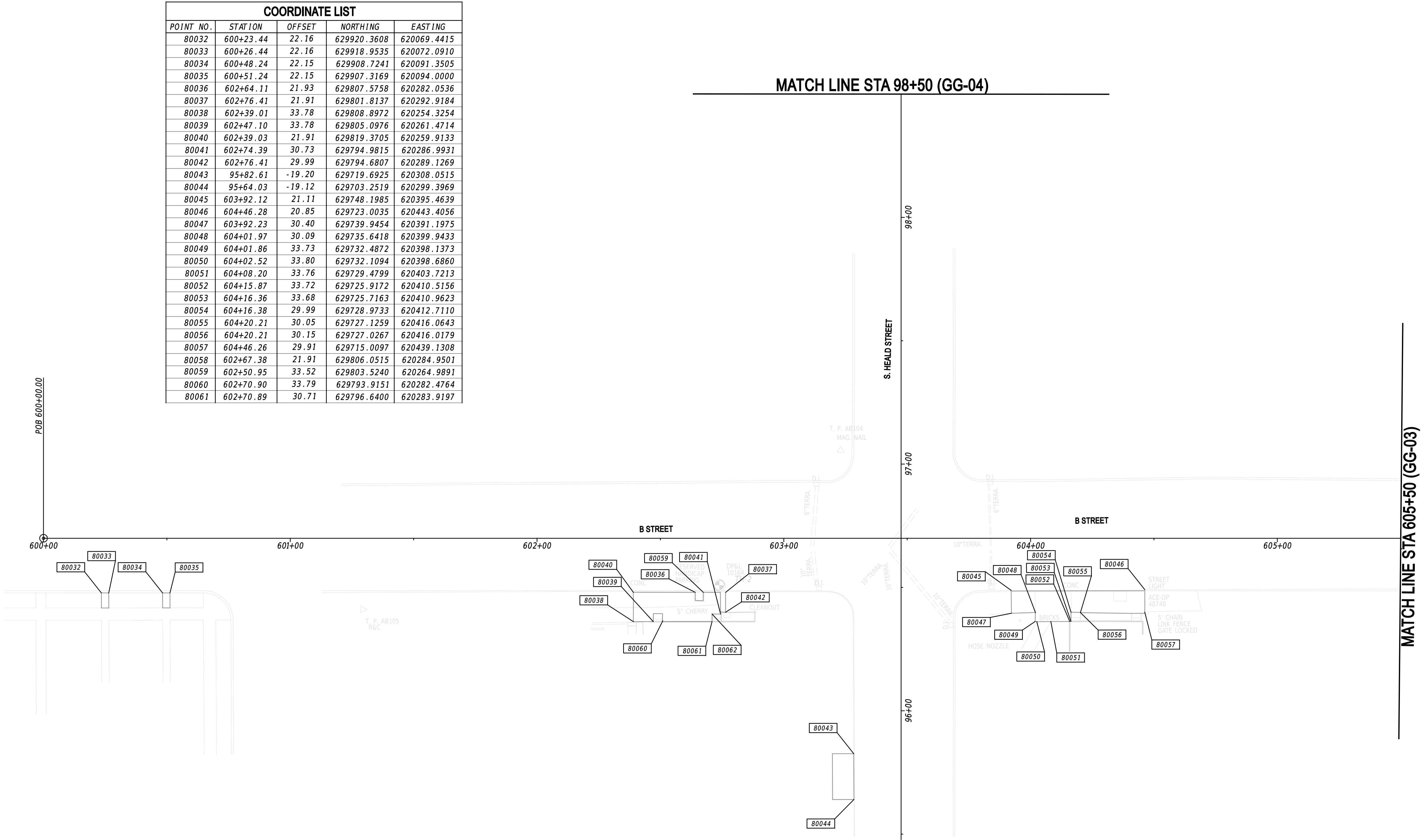


SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

GRADES AND GEOMETRICS	GG-01
	SECTION
	McT
	SHEET NO.
	12

ADDENDA / REVISIONS					SOUTHBRIDGE STREETSCAPE IMPROVEMENTS PHASE III	CONTRACT	BRIDGE NO.	N/A	GRADES AND GEOMETRICS	GG-02
						T202220003	DESIGNED BY:	F.ATIQUE		SECTION
						COUNTY	CHECKED BY:	K.MURPHY		MCT
						NEW CASTLE				SHEET NO.
										13



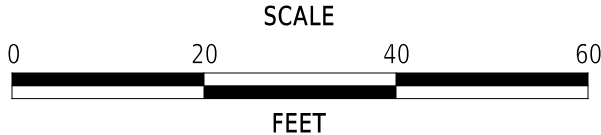
COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
80032	600+23.44	22.16	629920.3608	620069.4415
80033	600+26.44	22.16	629918.9535	620072.0910
80034	600+48.24	22.15	629908.7241	620091.3505
80035	600+51.24	22.15	629907.3169	620094.0000
80036	602+64.11	21.93	629807.5758	620282.0536
80037	602+76.41	21.91	629801.8137	620292.9184
80038	602+39.01	33.78	629808.8972	620254.3254
80039	602+47.10	33.78	629805.0976	620261.4714
80040	602+39.03	21.91	629819.3705	620259.9133
80041	602+74.39	30.73	629794.9815	620286.9931
80042	602+76.41	29.99	629794.6807	620289.1269
80043	95+82.61	-19.20	629719.6925	620308.0515
80044	95+64.03	-19.12	629703.2519	620299.3969
80045	603+92.12	21.11	629748.1985	620395.4639
80046	604+46.28	20.85	629723.0035	620443.4056
80047	603+92.23	30.40	629739.9454	620391.1975
80048	604+01.97	30.09	629735.6418	620399.9433
80049	604+01.86	33.73	629732.4872	620398.1373
80050	604+02.52	33.80	629732.1094	620398.6860
80051	604+08.20	33.76	629729.4799	620403.7213
80052	604+15.87	33.72	629725.9172	620410.5156
80053	604+16.36	33.68	629725.7163	620410.9623
80054	604+16.38	29.99	629728.9733	620412.7110
80055	604+20.21	30.05	629727.1259	620416.0643
80056	604+20.21	30.15	629727.0267	620416.0179
80057	604+46.26	29.91	629715.0097	620439.1308
80058	602+67.38	21.91	629806.0515	620284.9501
80059	602+50.95	33.52	629803.5240	620264.9891
80060	602+70.90	33.79	629793.9151	620282.4764
80061	602+70.89	30.71	629796.6400	620283.9197

6-JUN-2025
09:07
\\192.0.0.34\NWK_Projects\5967_DE_DeDOT_No. 1836F\020_Southbridge_Streetscape_Improvements_Phase III\300_CADD\Plan_Set\Roadway\GG03_Southbridge Streetscape Improvements Phase III.dgn

COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
80058	502+62.19	16.02	629466.7524	620736.4488
80074	610+59.51	-25.07	629475.6516	621006.4105
80075	610+58.96	-25.62	629476.3959	621006.1794
80076	610+55.91	-32.57	629483.9698	621006.7548
80077	610+55.90	-32.99	629484.3375	621006.9454
80078	610+56.02	-44.57	629494.5078	621012.4874
80079	610+63.36	-25.73	629474.4321	621010.1203
80080	610+65.90	-32.88	629479.5525	621015.7262
80081	610+61.52	-44.59	629491.9417	621017.3536
80082	610+58.55	-26.11	629477.0197	621006.0523
80083	610+63.33	-32.60	629480.5065	621013.3161



ADDENDA / REVISIONS	



SOUTHBRIDGE STREETScape
IMPROVEMENTS PHASE III

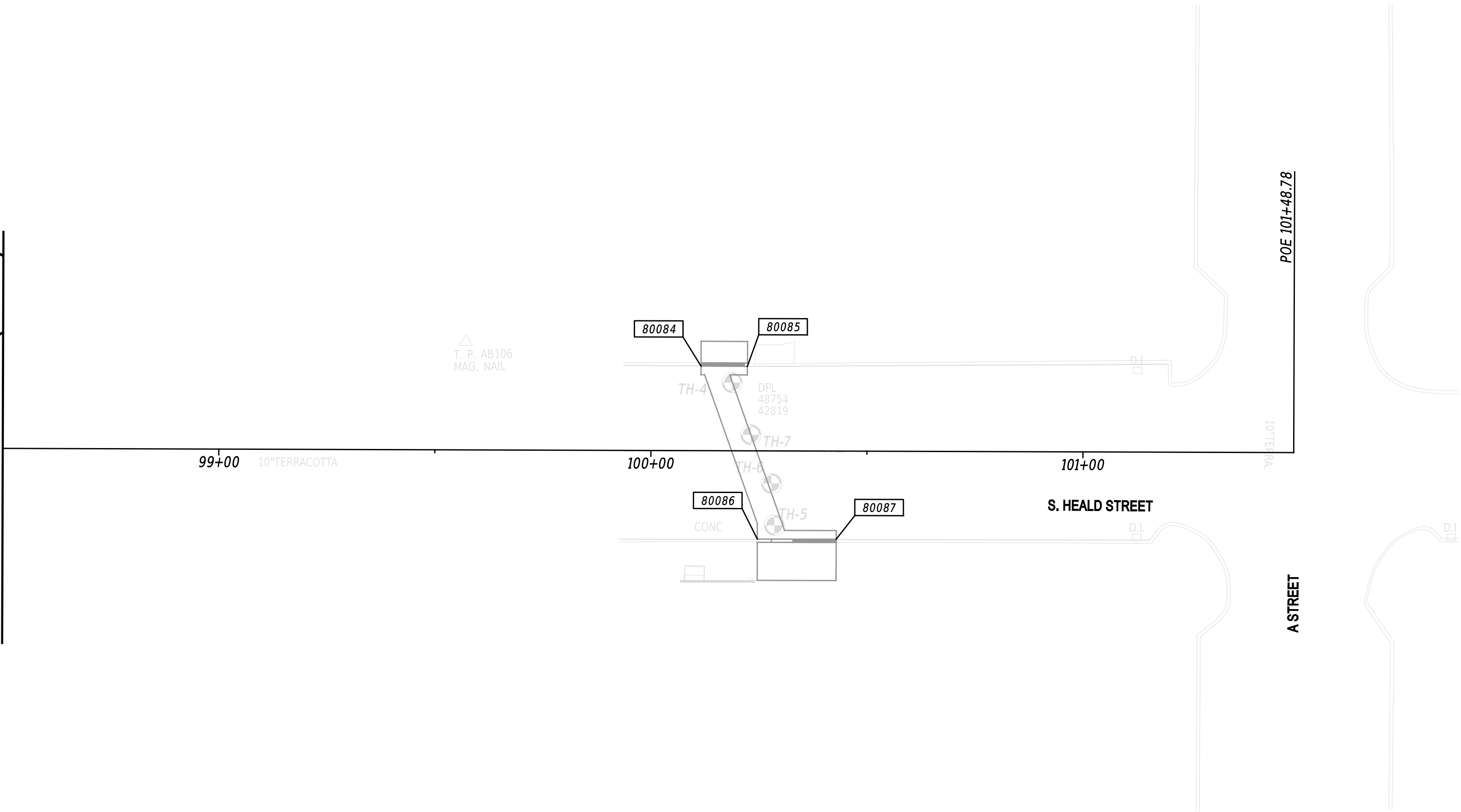
CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

GRADES AND GEOMETRICS	SECTION
	MCT
	SHEET NO.
	14

GG-03

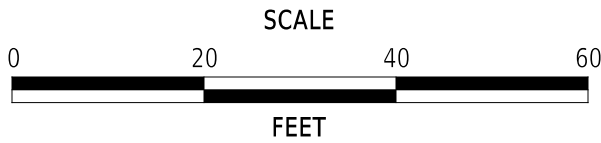
6-11UN-2025
09/07
\\192.0.0.34\\WK_Projects\\5967_DE_DeDOT_No. 1836F\\020_Southbridge_Streetscape_Improvements_Phase_III\\300_CADD\\Plan_Set\\Roadway\\GG04_Southbridge Streetscape Improvements Phase III.dgn

MATCH LINE STA 98+50 (GG-02)



COORDINATE LIST				
POINT NO.	STATION	OFFSET	NORTHING	EASTING
80084	100+11.53	-19.58	630098.5856	620509.0797
80085	100+22.28	-19.54	630108.0554	620514.1545
80086	100+24.70	20.44	630091.4205	620550.5947
80087	100+42.94	20.40	630107.5497	620559.1263

ADDENDA / REVISIONS

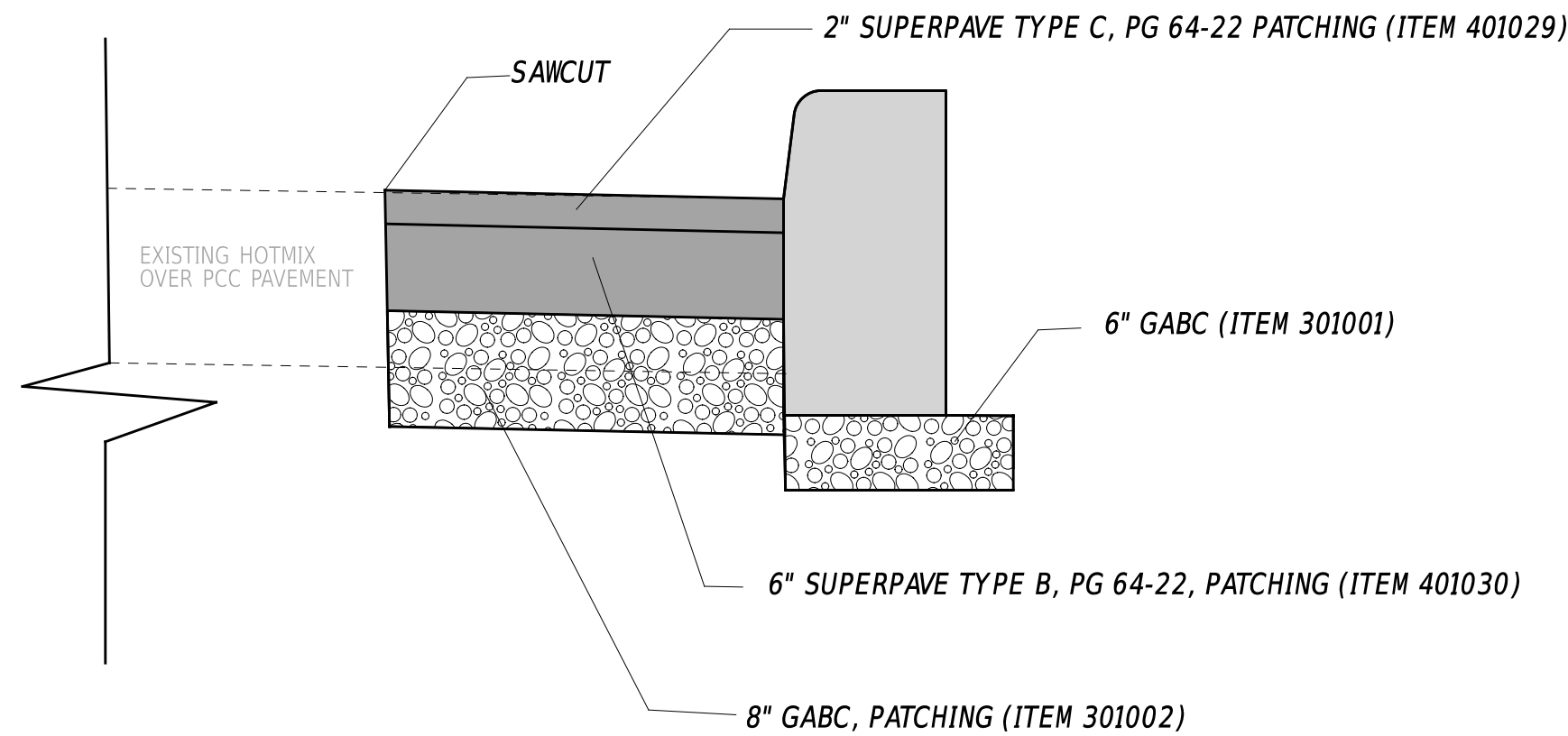


SOUTHBRIDGE STREETScape
IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

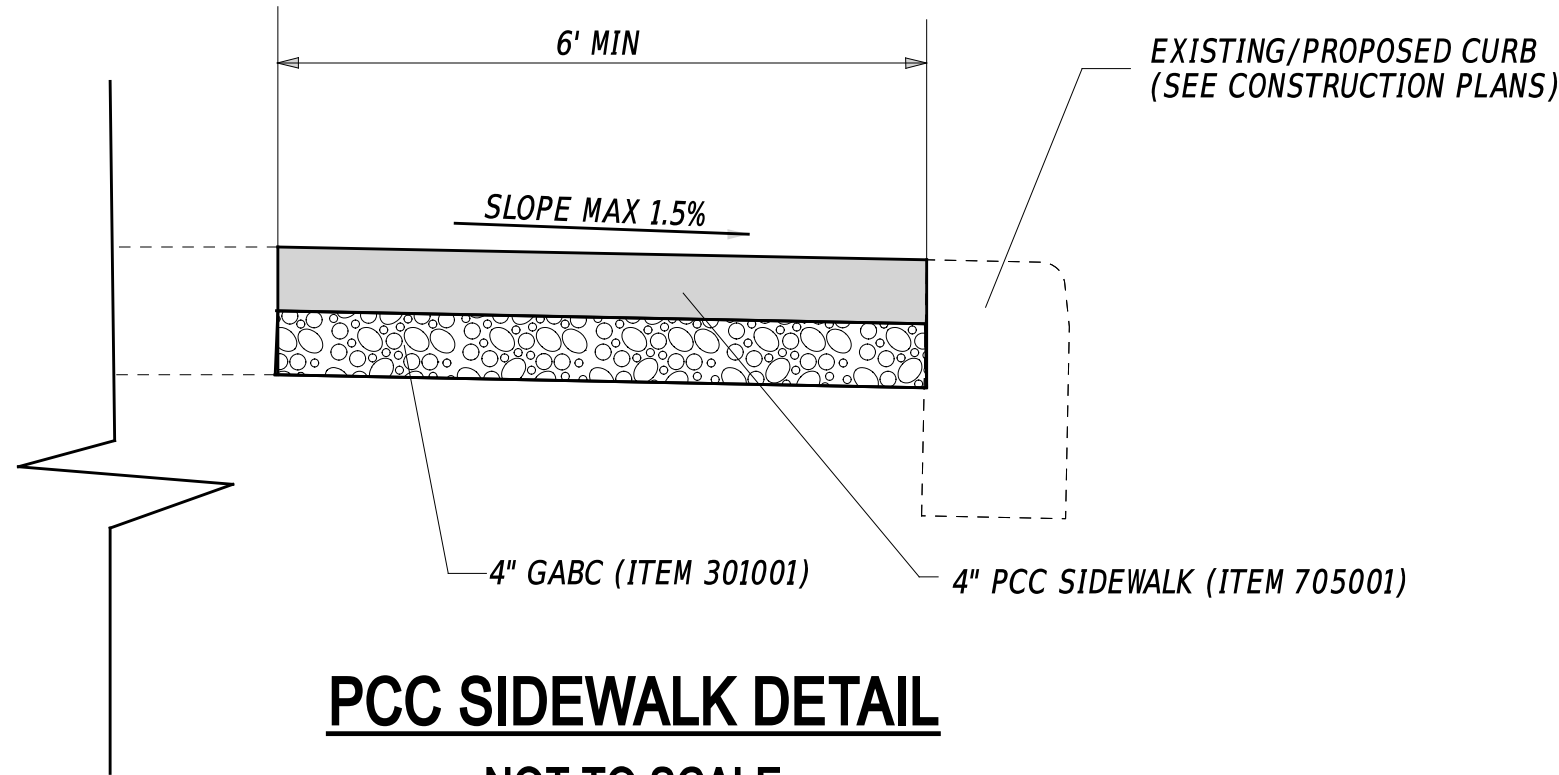
GRADES AND
GEOMETRICS

GG-04
SECTION
MCT
SHEET NO.
15



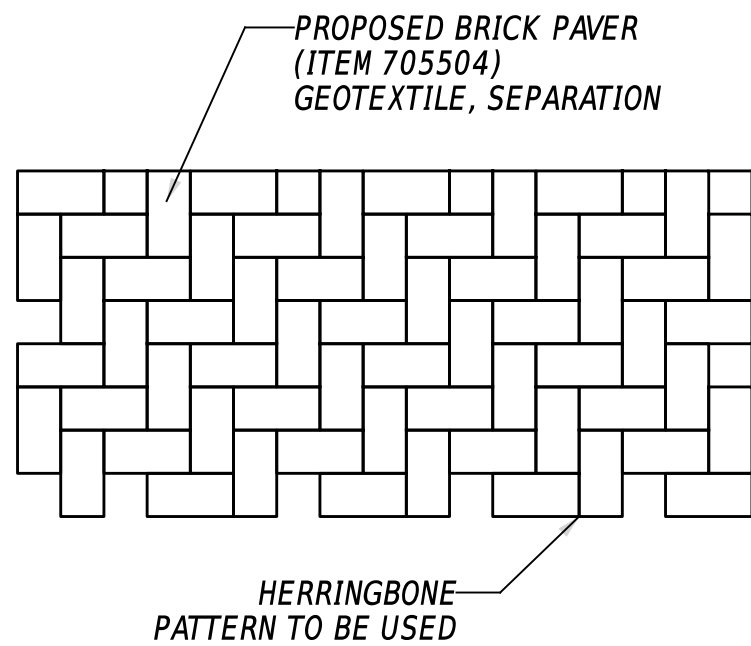
PCC CURB PAVEMENT PATCH DETAIL

NOT TO SCALE



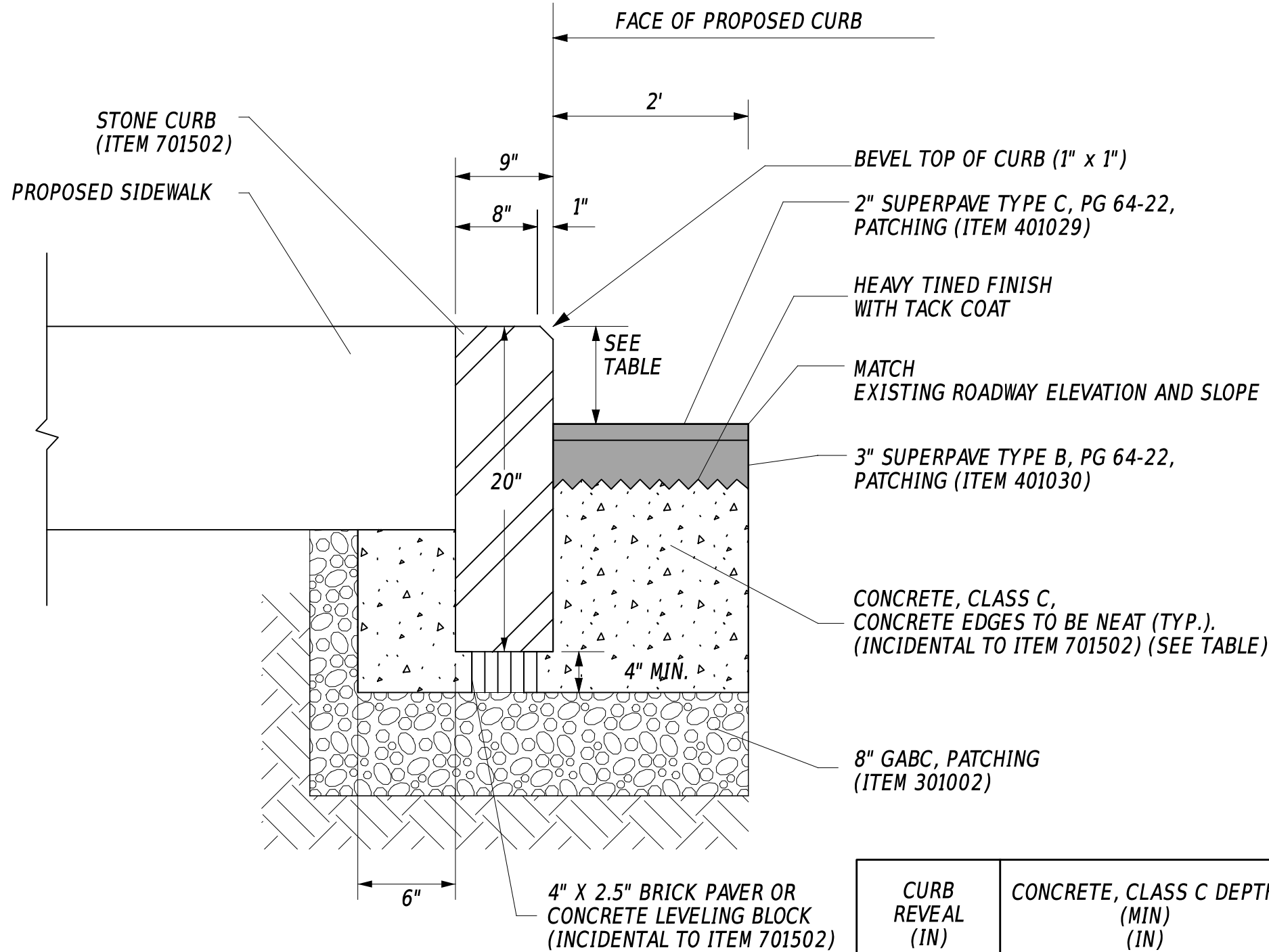
PCC SIDEWALK DETAIL

NOT TO SCALE



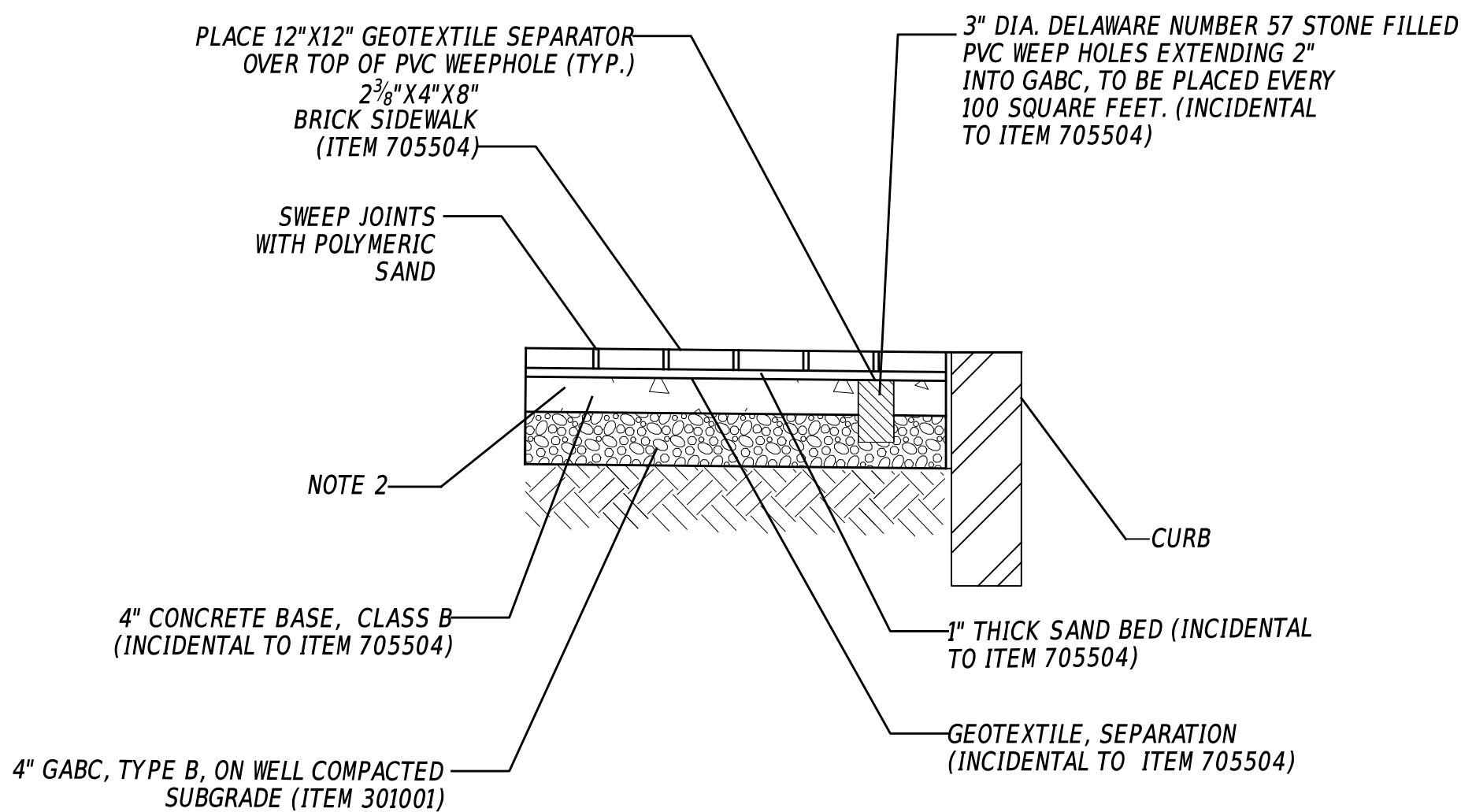
SAMPLE BRICK PATTERN

NOT TO SCALE



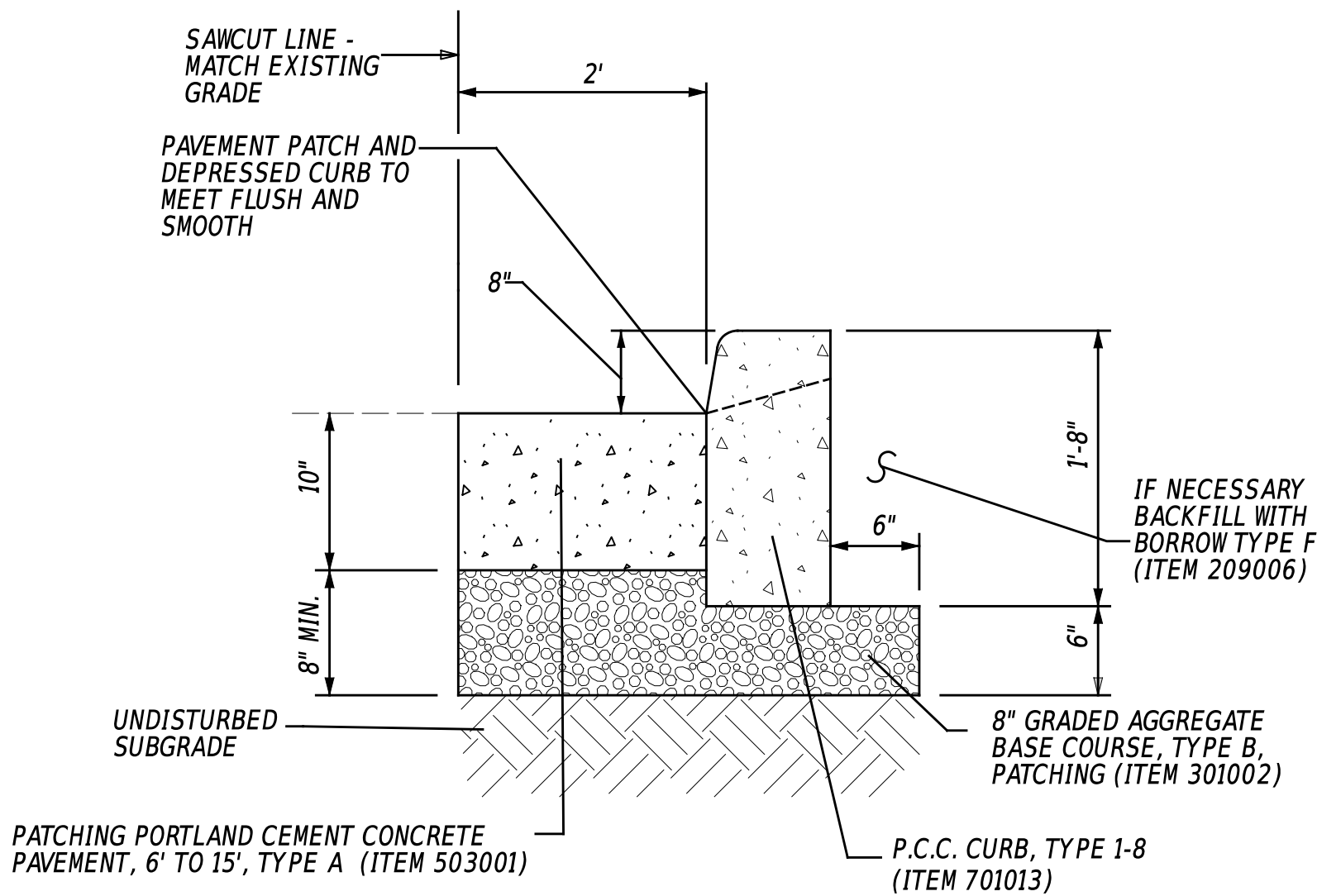
STONE CURB PAVEMENT PATCH DETAIL - ITEM 701502

NOT TO SCALE



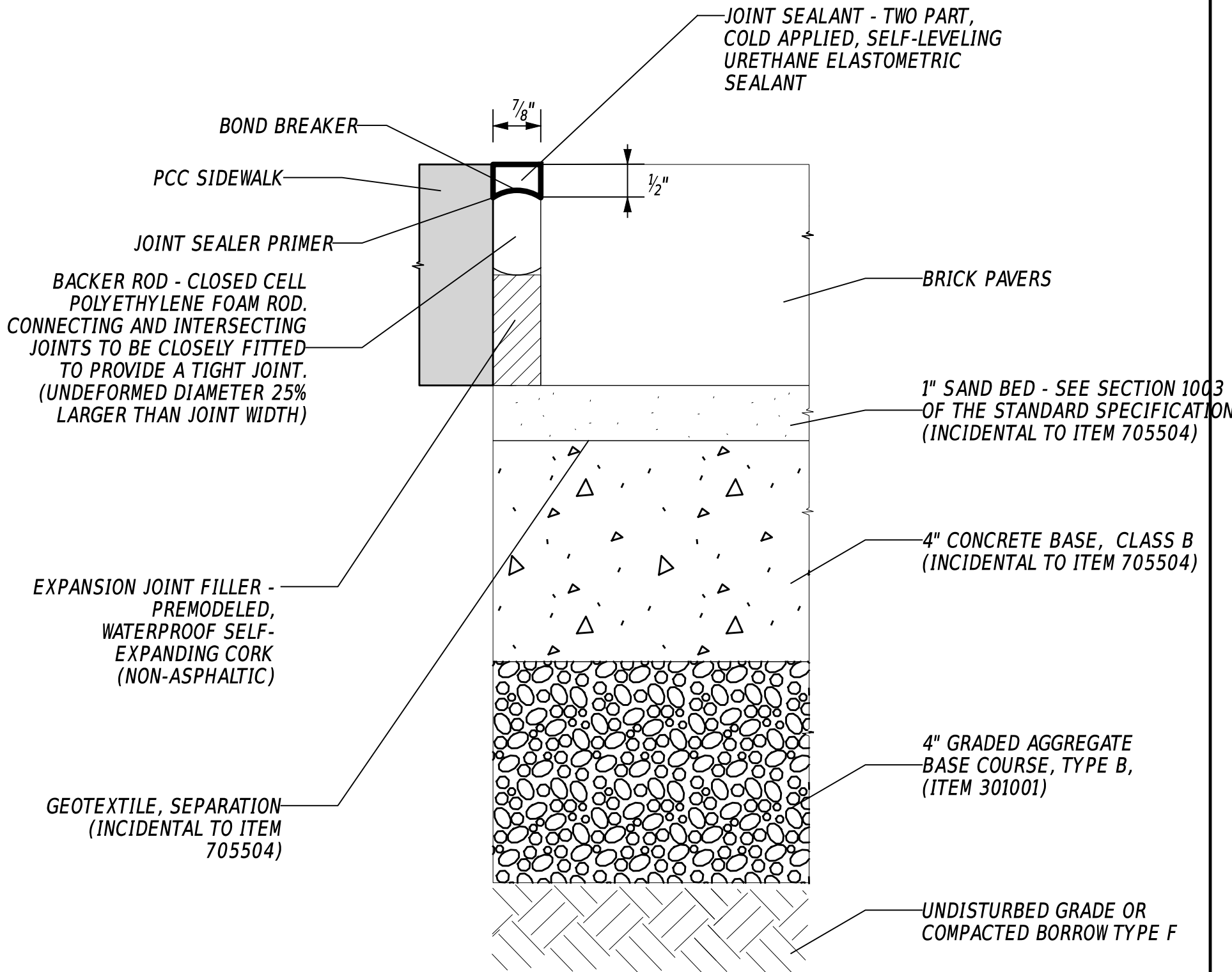
BRICK SIDEWALK DETAIL

NOT TO SCALE



NEW CASTLE AVE CONCRETE ROADWAY PATCHING DETAIL

NOT TO SCALE



EXPANSION JOINT DETAIL

INCIDENTAL TO ITEM 705504 - BRICK SIDEWALK

REVISIONS

NOT TO SCALE

**SOUTHBRIDGE STREETScape
IMPROVEMENTS PHASE III**

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

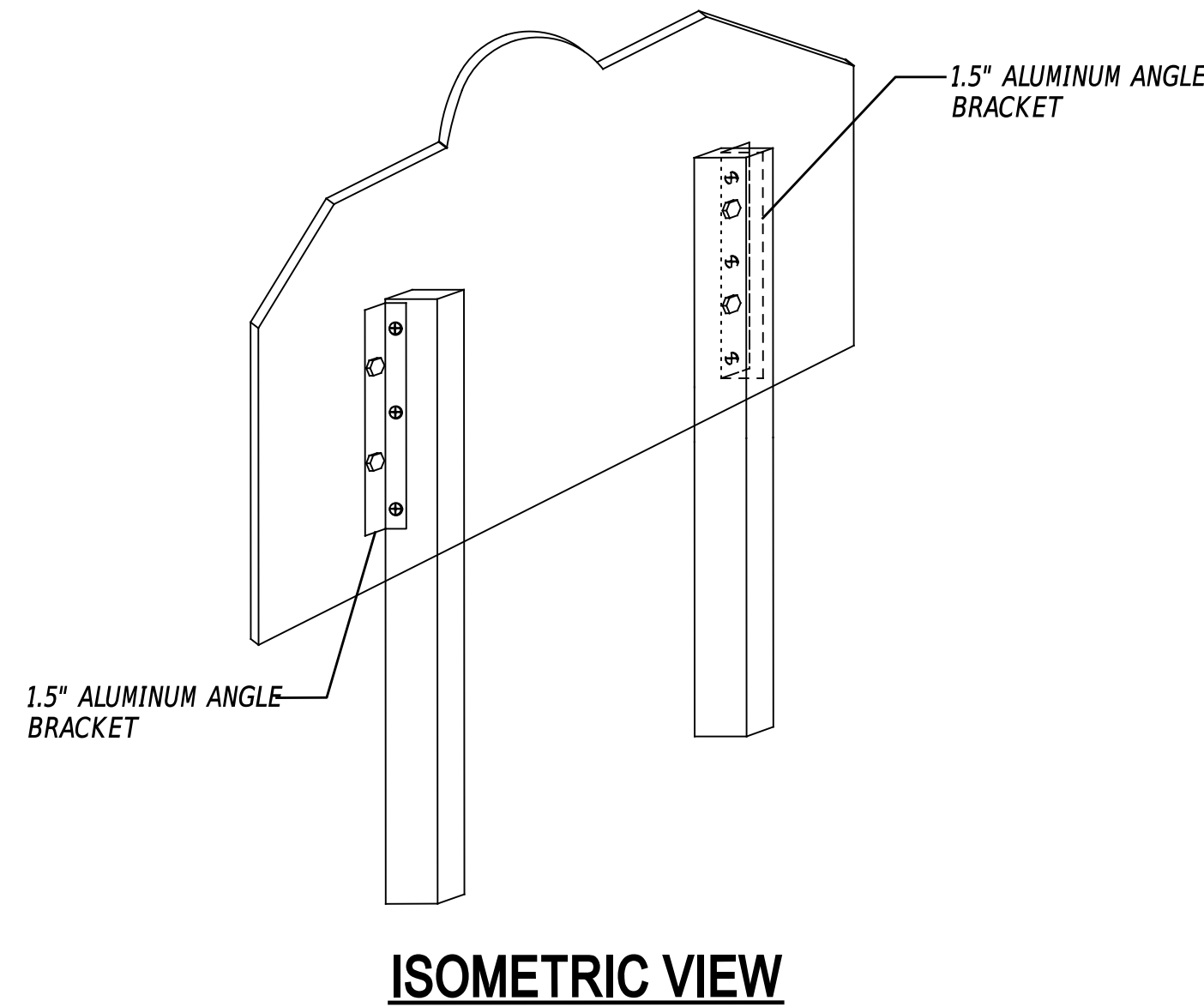
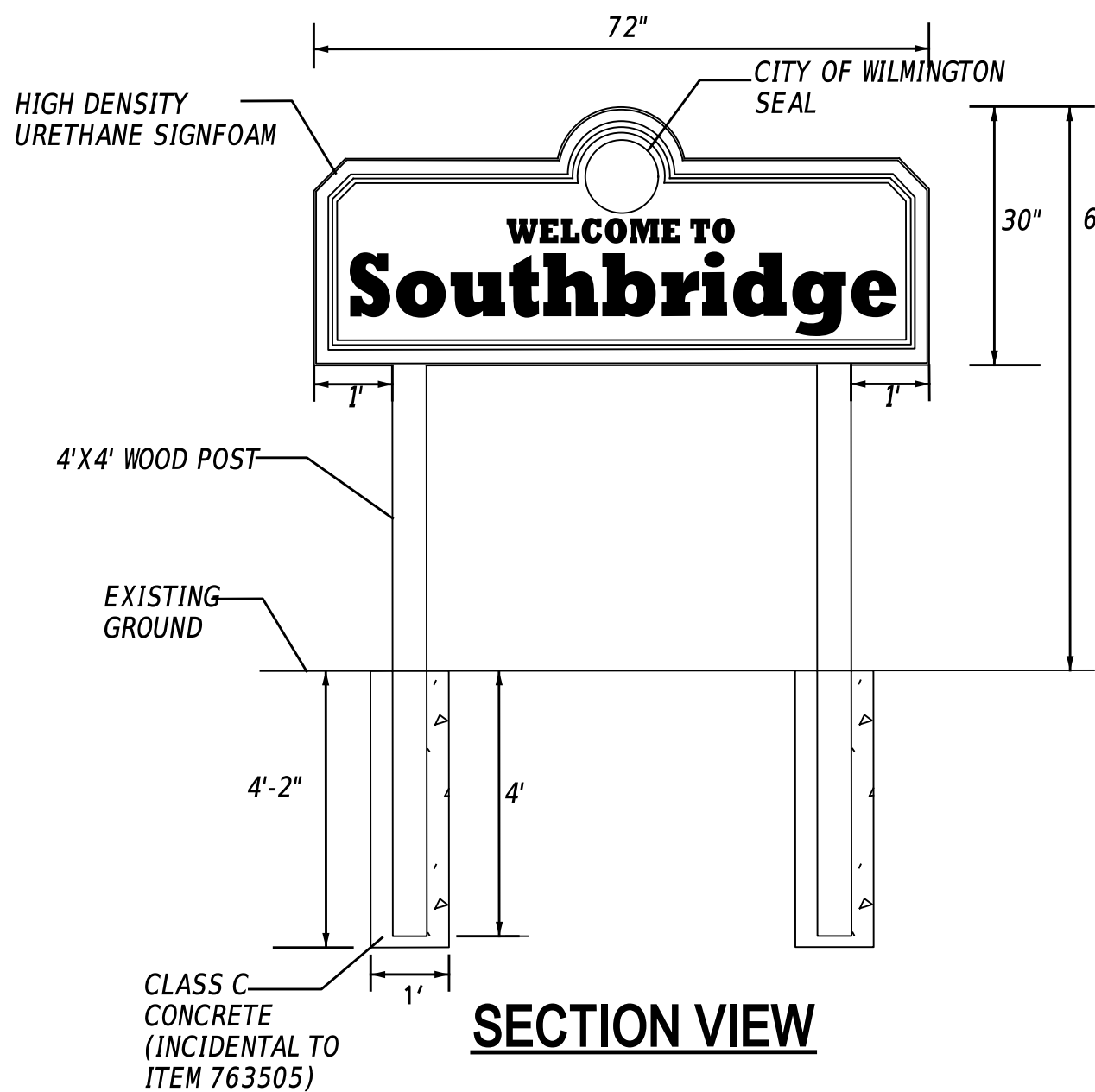
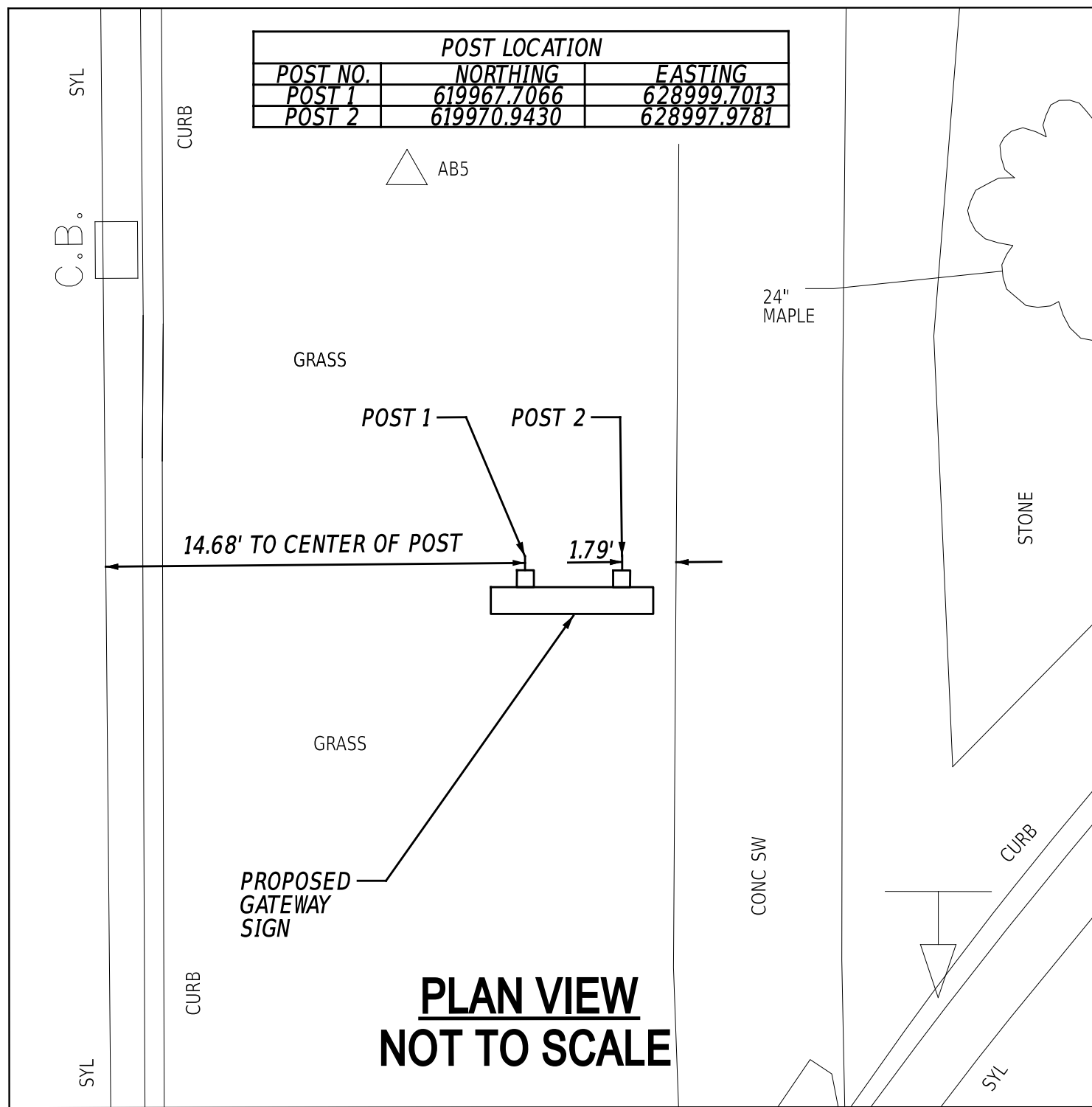
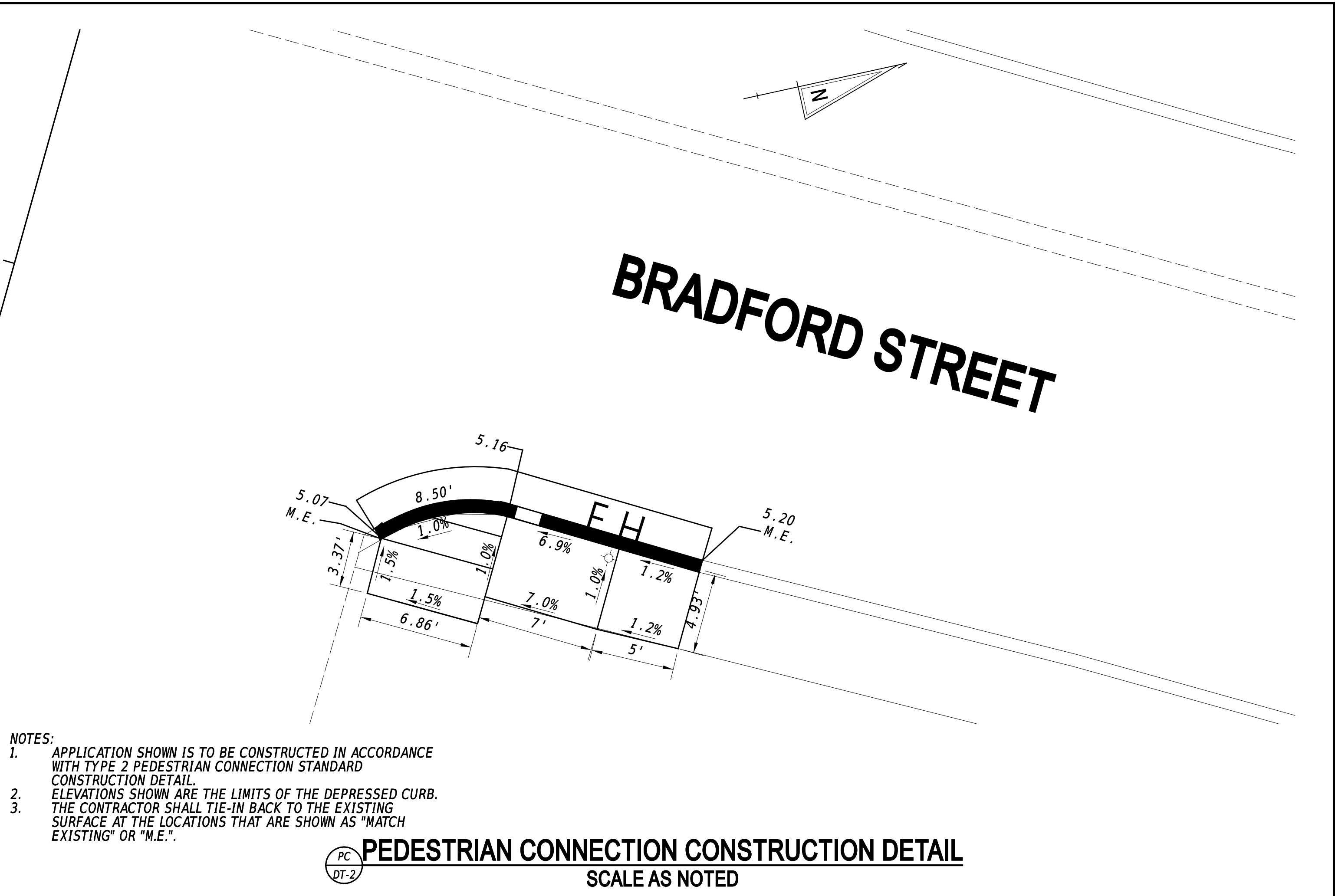
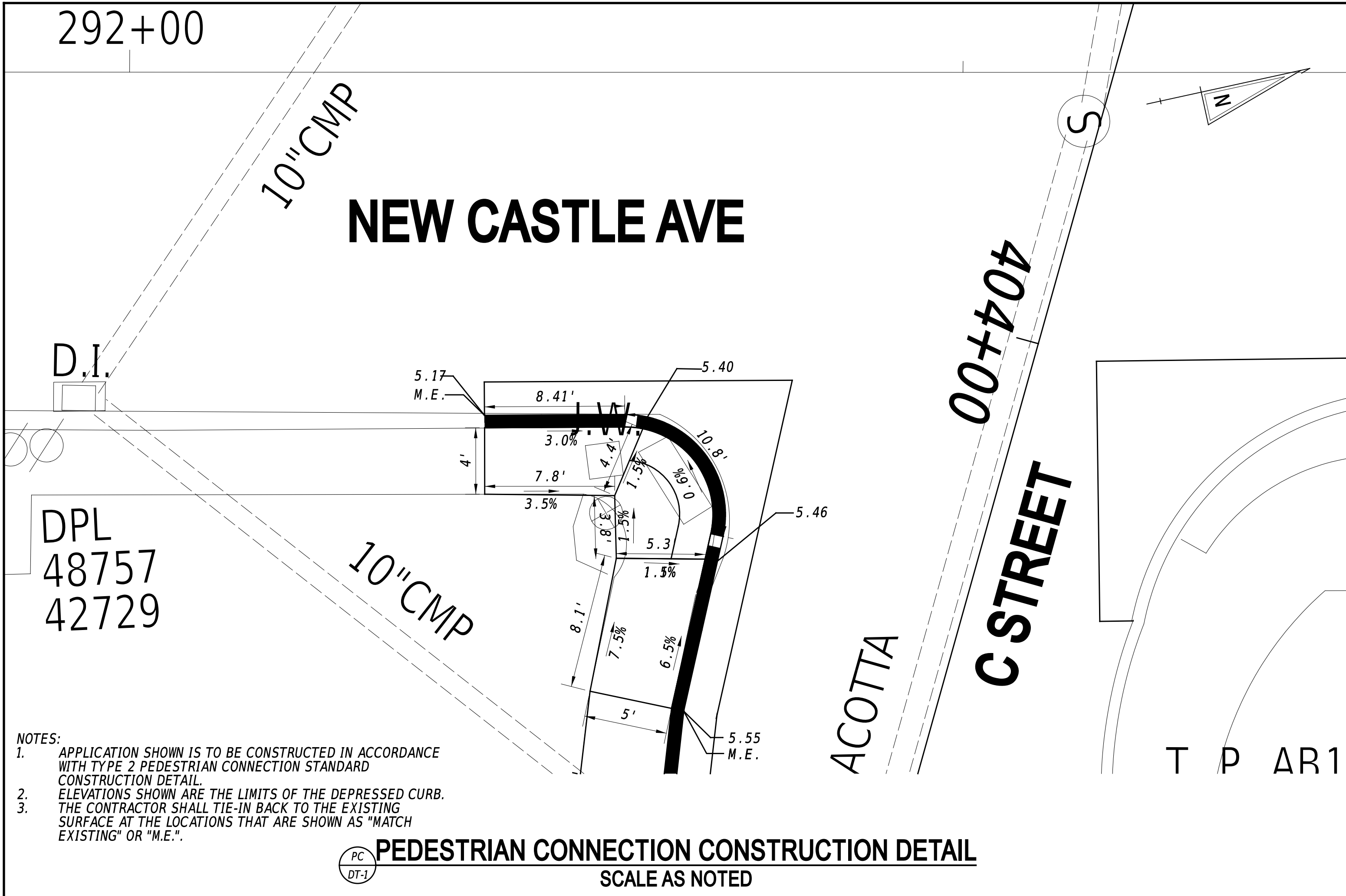
CONSTRUCTION DETAILS

DT-01
SECTION
McT
SHEET NO.
16

6-JUN-2025

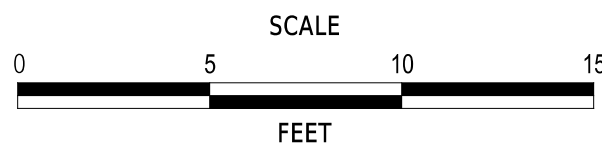
09:07

\\192.0.0.34\\NWK_Projects\\5967_DE_DeDOT_No. 1836F\\020_Southbridge_Streetscape_Improvements_Phase III\\300_CADD\\Plan_Set\\Roadway\\DT03_Southbridge_Streetscape_Improvements_Phase III.dgn



GATEWAY SIGN (ITEM 763505)
NOT TO SCALE

ADDENDA / REVISIONS	



SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

CONSTRUCTION DETAILS

DT-02
SECTION
MCT
SHEET NO.
17

1. MAINTENANCE OF TRAFFIC DURING LANE CLOSURES AND LANE SHIFTS SHALL CONFORM TO TYPICAL APPLICATION 3, 10, 11B, 21, 21A, 23 AND 27 OF THE DELAWARE MUTCD.
2. AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED TRAFFIC CONTROL SUPERVISOR REQUIREMENT FOR THIS PROJECT.

THE USE OF MILLINGS AND GRADED AGGREGATE BASE COURSE (GABC) IN THE TRAVEL WAY, TEMPORARY TRAVEL WAY, HIGH VOLUME ENTRANCES AND ACCESS RAMP FOR THE PURPOSE OF PROVIDING A TEMPORARY ROADWAY SURFACE, POTHOLE REPAIR, TAPERED EDGE FOR UTILITIES, BUTT JOINTS, AND LONGITUDINAL DROP-OFFS (MILLING AND PAVING OPERATIONS) IS PROHIBITED UNLESS IT IS OTHERWISE DESIGNATED TO BE USED IN THE CONTRACT PLANS. USE COLD PATCH, BITUMINOUS CONCRETE, BITUMINOUS CONCRETE WEDGE, OR TAPER MILL, AS NOTED IN THE CONTRACT DOCUMENTS OR APPROVED BY THE ENGINEER. PAYMENT FOR COLD PATCH, BITUMINOUS CONCRETE OR BITUMINOUS CONCRETE WEDGE SHALL BE PAID AS NOTED IN THE CONTRACT DOCUMENTS. TAPER MILL BITUMINOUS CONCRETE SHALL BE PAID UNDER THE BITUMINOUS CONCRETE MILLING ITEM.

A. DRIVEWAYS
B. ENTRANCES
C. LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
D. EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
E. EDGE OF ROADWAY DROP-OFF

- [illegible]

[illegible]

ADDENDA / REVISIONS

PCMS-1 **PRIOR TO CONSTRUCTION**
(10 DAYS PRIOR TO START OF CONSTRUCTION)

XXXXXX
EXPECT
DELAYS

PCMS-1 DURING CONSTRUCTION
(5 DAYS AFTER STARTING CONSTRUCTION)

X AM-X PM
EXPECT
DELAYS

	LANE OPEN		LANE CLOSED
--	-----------	--	-------------

	LANE OPEN		LANE CLOSED
--	-----------	--	-------------

	LANE OPEN		LANE CLOSED
--	-----------	--	-------------

W 20-1
48" X 48"
①

G 20-1
18"X24"
②



ALLOWABLE LANE CLOSURE HOURS – BRADFORD ST

	LANE OPEN		LANE CLOSED
--	-----------	--	-------------

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN

SECTION
McT
SHEET NO.
18

NOT TO SCALE

SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III

GENERAL E&S SEQUENCE NOTES (FOR ALL PHASES)

1. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) HAS BEEN APPROVED BY DELDOT'S STORMWATER ENGINEER UNDER DELDOT'S DELEGATED AUTHORITY. PLAN APPROVAL IS VALID FOR A FIVE YEAR PERIOD BEGINNING ON THE DATE OF THE STORMWATER ENGINEER'S SIGNATURE. IF THE FINAL ACCEPTANCE OF THE PROJECT IS ANTICIPATED TO EXTEND BEYOND THE FIVE YEARS, NOTIFY THE ENGINEER THREE MONTHS PRIOR TO THE EXPIRATION. ANY DEVIATIONS TO THE SWPPP NEED APPROVAL FROM THE ENGINEER.



07/03/2025

DELDOT STORMWATER ENGINEER

DATE

I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS MEET THE REQUIREMENTS OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS.

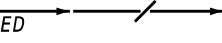
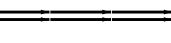
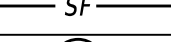
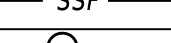
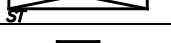
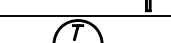
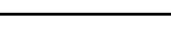
Expires 7/3/2030

AMOUNT OF DISTURBED AREA FOR THE PROJECT	0.7 AC
ADDED IMPERVIOUS FOR THE PROJECT	258.90
HUC-10 WATERSHED	CHRISTINA RIVER

2. ASSIGN A RESPONSIBLE PERSON TO BE ON SITE DURING ALL EARTH DISTURBING ACTIVITIES AND BE AN ACTIVE DNREC BLUE CARD HOLDER AS DEFINED IN SECTION 6.2 OF THE DELAWARE SEDIMENT AND STORMWATER REGULATIONS (DSSR). BE FAMILIAR WITH AND COMPLY WITH ALL ASPECTS OF THE NPDES CONSTRUCTION GENERAL PERMIT.
3. FILE AS A CO-PERMITTEE IN ACCORDANCE WITH SECTION 901 OF THE STANDARD SPECIFICATIONS. POSTING AND MAINTENANCE OF THE NOI PERMIT COVERAGE IS INCIDENTAL TO THE CONTRACT.
4. REVISIONS TO THE SWPPP OR ENVIRONMENTAL COMPLIANCE PLAN SHEET(S) SHALL BE APPROVED PRIOR TO INITIATION IN THE FIELD. THE ENGINEER IS RESPONSIBLE FOR APPROVING ALL REDLINES AND REVISIONS TO THE SWPPP.
5. IMPLEMENTING AND MAINTAINING POLLUTION PREVENTION DEVICES AND PRACTICES IS REQUIRED UNDER THE DELAWARE CONSTRUCTION GENERAL PERMIT AND THE DSSR AND ARE INCIDENTAL TO THE CONTRACT.
6. A SOIL STOCKPILE, AS DESCRIBED IN DELDOT STANDARD SPECIFICATIONS AND DEFINED IN THE DELAWARE EROSION & SEDIMENT CONTROL HANDBOOK, IS ANY LOCATION WITHIN THE LIMITS OF CONSTRUCTION WHERE A TEMPORARY DEPOSIT OF EXCAVATED SOIL IS BEING RESERVED FOR FUTURE USE. A SOIL STOCKPILE SHALL BE LOCATED A MINIMUM OF 50 FEET FROM A STORM DRAIN INLET, OPEN CHANNEL, WETLAND, OR WATERBODY. A REQUEST MAY BE MADE TO THE ENGINEER TO PERMIT LOCATING A SOIL STOCKPILE LESS THAN 50 FEET FROM A STORM DRAIN INLET OR OPEN CHANNEL. UPON APPROVAL, IF ANY PART OF A SOIL STOCKPILE IS LESS THAN 50 FEET FROM A STORM DRAIN INLET OR OPEN CHANNEL, INSTALL A SUPER SILT FENCE PERIMETER TO PROTECT THE SOIL STOCKPILE. THE SUPER SILT FENCE MUST BE CONSTRUCTED IN ACCORDANCE WITH 905.3.B.3 OF THE STANDARD SPECIFICATIONS. THE COST FOR INSTALLATION AND MAINTENANCE OF THE STOCKPILE SUPER SILT FENCE IS INCIDENTAL TO THE CONTRACT.
7. PROTECT AGAINST SEDIMENT OR DEBRIS LADEN RUNOFF FROM LEAVING THE SITE. CHECK PERIMETER CONTROLS DAILY AND ADJUST OR REPAIR TO FULLY CONTAIN AND CONTROL SEDIMENT FROM LEAVING THE SITE. REMOVE ACCUMULATED SEDIMENT BEFORE IT HAS REACHED HALF OF THE EFFECTIVE CAPACITY OF THE CONTROL. ADJUST OR ALTER MEASURES IN TIMES OF ADVERSE WEATHER CONDITIONS, OR AS DIRECTED BY THE ENGINEER.
8. ANY SEDIMENT LADEN DISCHARGE LEAVING THE LIMIT OF CONSTRUCTION SHALL IMMEDIATELY BE ADDRESSED THROUGH BEST AVAILABLE TECHNOLOGIES TO CONTROL ANY FURTHER SEDIMENT LADEN DISCHARGE. REMEDIATION MAY INCLUDE STANDARD E&S PRACTICES OR OTHER METHODS AS APPROVED BY THE ENGINEER.
9. ALL TEMPORARY CONCENTRATED FLOW AREAS INCLUDING CHANNEL SIDE SLOPES SHALL HAVE EROSION CONTROL BLANKET MULCH AS DIRECTED BY THE ENGINEER. INSTALL WITHIN SEVEN CALENDAR DAYS UPON CONSTRUCTION INITIATION. A TEMPORARY CONCENTRATED FLOW AREA MAY INCLUDE DITCHES, SWALES, BERMS, CONCENTRATED RUNOFF AREAS, ETC.
10. FOR ANY PERMANENT STORMWATER MANAGEMENT FACILITY, FOLLOW THAT FACILITY'S SEQUENCE OF CONSTRUCTION AS NOTED ON THE STORMWATER MANAGEMENT SHEETS.
11. NO MORE THAN 20 ACRES MAY BE DISTURBED AT ANY TIME. DISTURBANCE OF A SECOND 20 ACRE SECTION MAY NOT PROCEED UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE FIRST 20 ACRE SECTION IS ACCOMPLISHED AS APPROVED BY THE ENGINEER.
12. MAINTAIN POSITIVE DRAINAGE IN EXISTING AND PROPOSED DRAINAGE SYSTEMS BY EXECUTING CONSTRUCTION, CLEANING EXISTING DRAINAGE SYSTEMS, AND PROPERLY DISPOSING OF SEDIMENT THROUGHOUT THE DURATION OF THE PROJECT.

GENERAL E&S SEQUENCE NOTES (FOR ALL PHASES)

1. POST NOI PERMIT COVERAGE SO THAT IT IS VISIBLE IN CLOSE PROXIMITY TO THE CONSTRUCTION SITE AS DIRECTED BY THE ENGINEER. THE NOTICE MUST BE IN ACCORDANCE WITH DELDOT GUIDANCE.
2. INSTALL ALL PERIMETER E&S ITEMS AND SENSITIVE AREA PROTECTIONS PRIOR TO ANY LAND DISTURBING ACTIVITIES. THE ONLY LAND DISTURBANCE ALLOWABLE IS WHAT IS NECESSARY TO INSTALL THE PERIMETER E&S ITEMS.
3. ESTABLISH CONSTRUCTION STAGING AREAS AND INSTALL E&S CONTROLS.
4. ONCE PERIMETER E&S CONTROLS ARE INSTALLED, THEY SHALL BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE ANY OTHER LAND DISTURBING ACTIVITIES CAN BEGIN.
5. INTERIOR EROSION AND SEDIMENT CONTROL ITEMS SHALL BE PLACED AS PER PLAN.
6. NOTIFY THE ENGINEER 48 HOURS BEFORE CONSTRUCTION OF ALL STORMWATER MANAGEMENT FACILITY COMPONENTS IN ACCORDANCE WITH THE STORMWATER MANAGEMENT SHEET FACILITY CONSTRUCTION SEQUENCE.
7. PRIOR TO COMMENCING A NEW PHASE OF CONSTRUCTION, APPROVAL IS REQUIRED FROM THE ENGINEER THAT THE AREAS WITHIN THE PREVIOUS PHASE HAVE BEEN SUFFICIENTLY STABILIZED.
8. COMPLETE PERMANENT STABILIZATION WITHIN SEVEN (7) CALENDAR DAYS UPON REACHING FINAL GRADE.
9. DO NOT REMOVE E&S DEVICES UNLESS DIRECTED BY THE ENGINEER.

EROSION & SEDIMENT CONTROL	
	COMPOST FILTER LOG
	COMPOST FILTER LOG / LENGTH
	DEWATERING BAG
	DEWATERING BASIN
	EARTH DIKE
	INLET SEDIMENT CONTROL
	PERIMETER DIKE/SWALE
	PORTABLE SEDIMENT TANK
	SANDBAG DIKE
	SANDBAG DIVERSION
	STONE CHECK DAM
	STABILIZED CONSTRUCTION ENTRANCE
	SILT FENCE / LENGTH
	SILT FENCE
	REINFORCED SILT FENCE / LENGTH
	REINFORCED SILT FENCE
	SUPER SILT FENCE / LENGTH
	SUPER SILT FENCE
	SUMP PIT
	SEDIMENT TRAP / NUMBER
	SEDIMENT TRAP
	SEDIMENT TRAP WITH INLET AS OUTLET
	SEDIMENT TRAP PIPE OUTLET
	STILLING WELL
	TEMPORARY SWALE
	TEMPORARY SLOPE DRAIN
	TURBIDITY CURTAIN / LENGTH
	TURBIDITY CURTAIN

ADDENDA / REVISIONS		NOT TO SCALE	SOUTHBRIDGE STREETSCAPE IMPROVEMENTS PHASE III	CONTRACT	BRIDGE NO.	N/A	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN	SECTION
				T202220003	DESIGNED BY: F.ATIQUE			McT
				COUNTY				SHEET NO.
				NEW CASTLE	CHECKED BY: K.MURPHY	19		

PHASE 1

-



1. POST "NO PARKING" SIGNS ON BOTH SIDES OF BRADFORD STREET FOR LIMITS OF WORK.

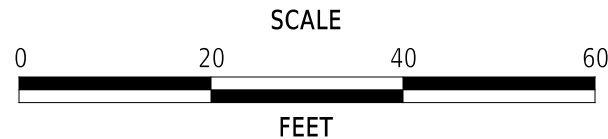
6-JUN-2025
00:00

SEQUENCE OF CONSTRUCTION

PHASE 2

1. INSTALL TRAFFIC CONTROL AND E&S CONTROL DEVICES DURING ALLOWABLE LANE CLOSURE HOURS PER 21, 23, AND 27. ADD "NO PARKING" SIGNS ADJACENT TO ACTIVE WORK ZONES.
2. INITIATE PEDESTRIAN DETOUR PER APPLICATION 28 OR 29.
3. SAWCUT AND REMOVE EXISTING CURB, SIDEWALK AND PAVEMENT.
4. INSTALL CONDUITS, JWS AND POLE BASES PER LIGHTING PLAN.
5. INSTALL CONDUITS, JWS, POLE BASES AND CABINET BASE PER TRAFFIC SIGNAL PLAN.
6. PLACE CURB, HOTMIX AND CONCRETE PATCHING.
7. WHERE NEEDED RECONFIGURE/INSTALL BRICK SIDEWALK TO ACCOMMODATE CONCRETE SIDEWALK TIE-IN.
8. INSTALL PCC SIDEWALK AND PED CONNECTION.
9. ONCE OLD SIGNAL POLES ARE REMOVED BY TRAFFIC SIGNAL CONTRACTOR, REMOVE POLE BASES, JW AND ABANDON CONDUIT.
10. REMOVE EXISTING CONFLICTING STRIPING TO LIMITS SHOWN ON SIGNING, STRIPING AND CONDUIT PLAN.
11. INSTALL PERMANENT MARKINGS AND PAVEMENT STRIPING AS SHOWN ON THE SIGNING AND STRIPING PLANS. UTILIZE TYPICAL APPLICATION 17B FOR TRAFFIC CONTROL.
12. INSTALL TOPSOIL, SEED AND MULCH WHERE NEEDED.
13. REMOVE PHASE 2 TRAFFIC CONTROL.

ADDENDA / REVISIONS



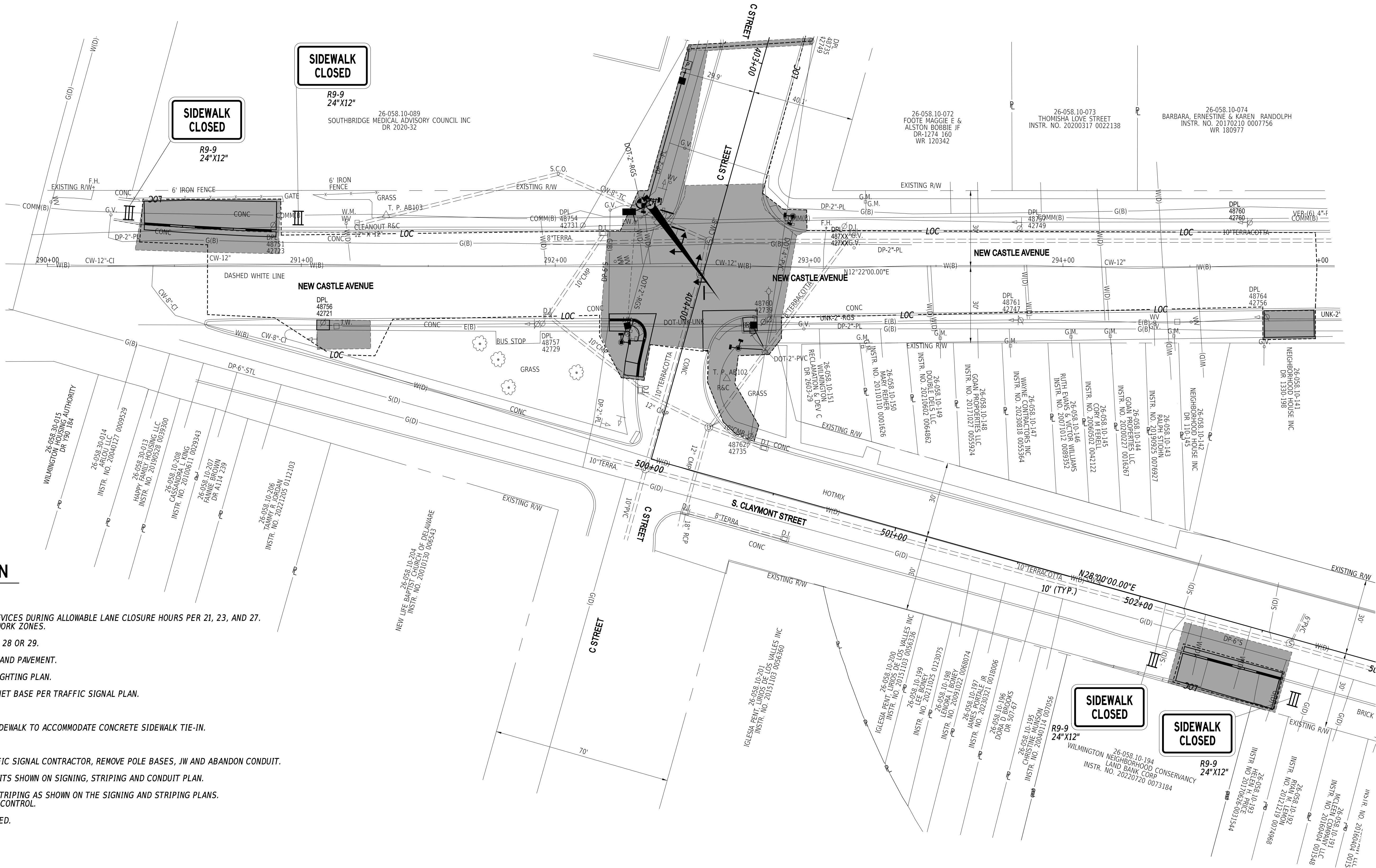
SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III

CONTRACT
T202220003
COUNTY
NEW CASTLE

BRIDGE NO.	N/A
DESIGNED BY:	F.ATIQUE
CHECKED BY:	K.MURPHY

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 2

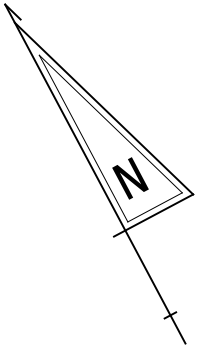
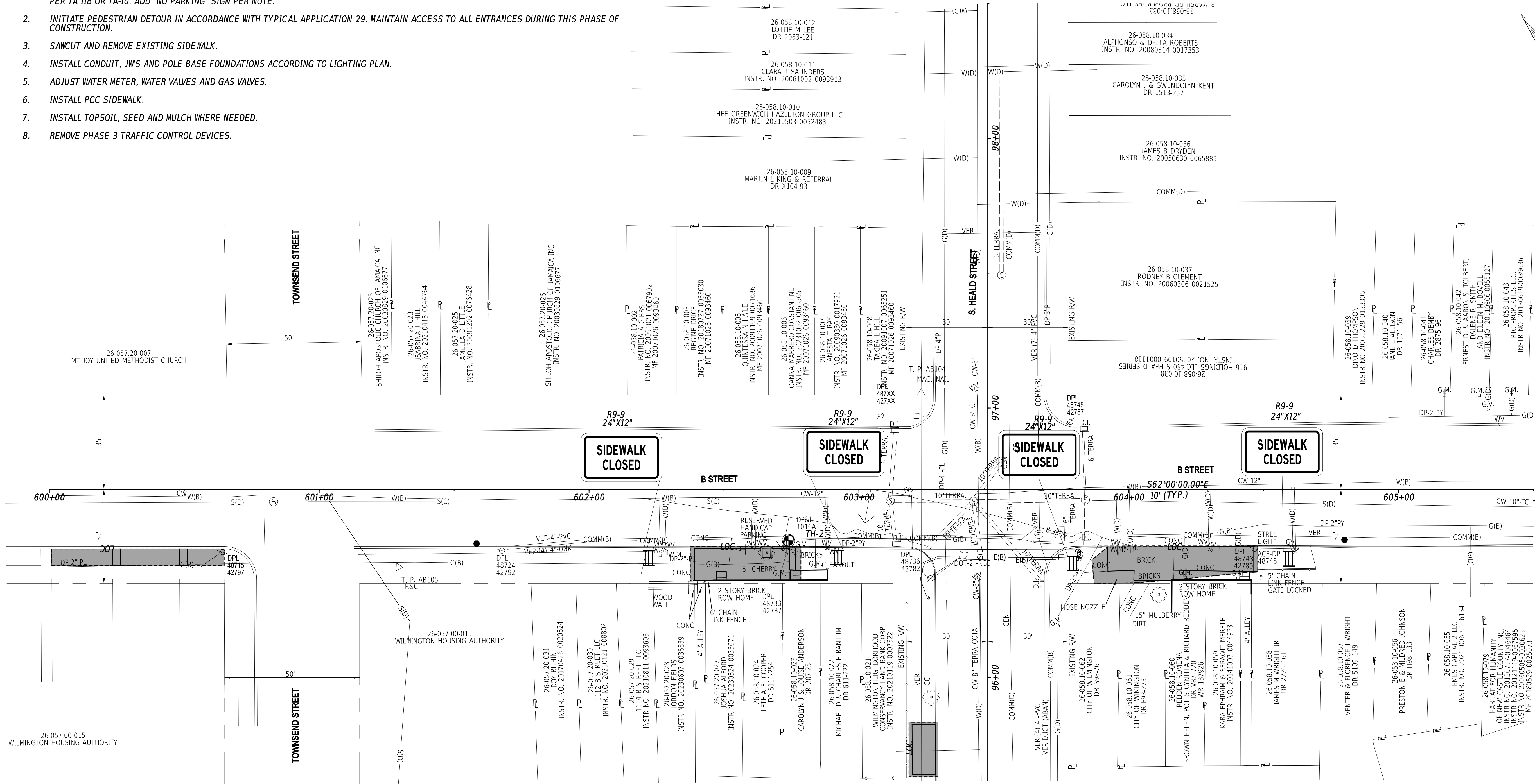
SECTION
McT
SHEET NO.
21



SEQUENCE OF CONSTRUCTION

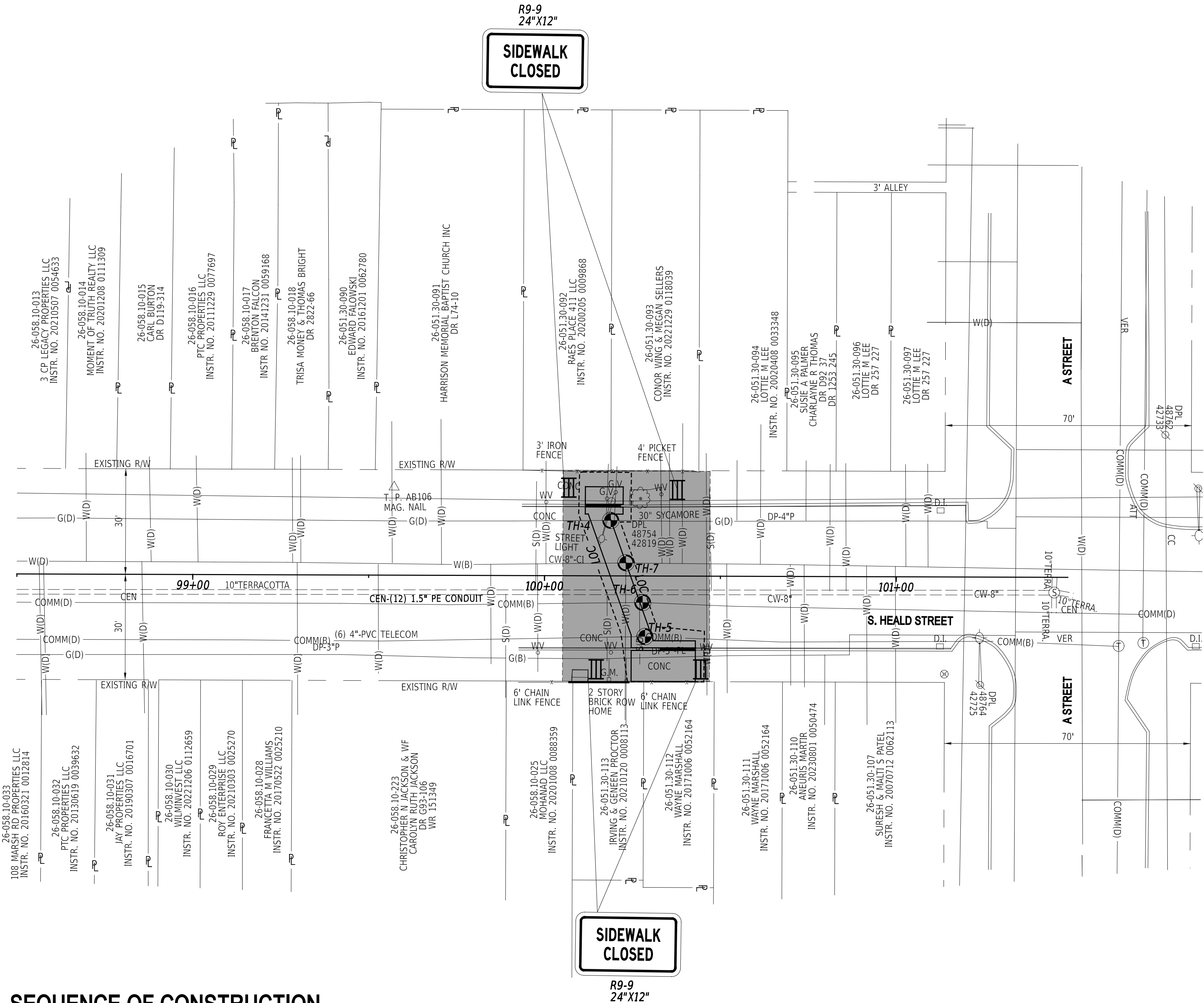
PHASE 3

1. INSTALL TRAFFIC CONTROL AND E&S CONTROL DEVICES DURING ALLOWABLE LANE CLOSURE HOURS PER TA 11B OR TA-10. ADD "NO PARKING" SIGN PER NOTE.
2. INITIATE PEDESTRIAN DETOUR IN ACCORDANCE WITH TYPICAL APPLICATION 29. MAINTAIN ACCESS TO ALL ENTRANCES DURING THIS PHASE OF CONSTRUCTION.
3. SAWCUT AND REMOVE EXISTING SIDEWALK.
4. INSTALL CONDUIT, JWS AND POLE BASE FOUNDATIONS ACCORDING TO LIGHTING PLAN.
5. ADJUST WATER METER, WATER VALVES AND GAS VALVES.
6. INSTALL PCC SIDEWALK.
7. INSTALL TOPSOIL, SEED AND MULCH WHERE NEEDED.
8. REMOVE PHASE 3 TRAFFIC CONTROL DEVICES.



NOTE
ADD "NO PARKING" SIGNS ADJACENT TO ACTIVE WORK ZONES

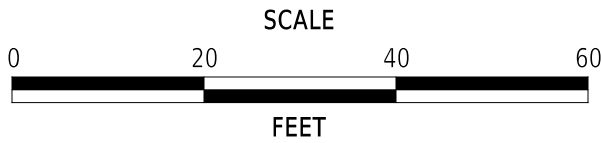
ADDENDA / REVISIONS		0204060 SCALE FEET	SOUTHBRIDGE STREETSCAPE IMPROVEMENTS PHASE III	CONTRACT	BRIDGE NO.	N/A	CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 3	SECTION
				T202220003	DESIGNED BY: F.ATIQUE	McT		
				COUNTY				SHEET NO.
				NEW CASTLE	CHECKED BY: K.MURPHY	22		



SEQUENCE OF CONSTRUCTION

- PHASE 4
- INSTALL TRAFFIC CONTROL AND E&S CONTROL DEVICES DURING LANE CLOSURE HOURS PER TA 11B OR TA-10. PLACE "NO PARKING" SIGNS.
 - INITIATE PEDESTRIAN DETOUR IN ACCORDANCE WITH TYPICAL APPLICATION 28. MAINTAIN ACCESS TO ALL ENTRANCES DURING THIS PHASE OF CONSTRUCTION.
 - SAWCUT AND REMOVE EXISTING CUR,SIDEWALK AND PAVEMENT.
 - ADJUST GAS VALVES.
 - INSTALL LIGHTING CONDUIT, JWS AND POLE BASE FOUNDATIONS PER LIGHTING PLAN .
 - PLACE CURB AND HOT-MIX PATCHING.
 - INSTALL PCC SIDEWALK.
 - REMOVE PHASE 4 TRAFFIC CONTROL DEVICES.

ADDENDA / REVISIONS

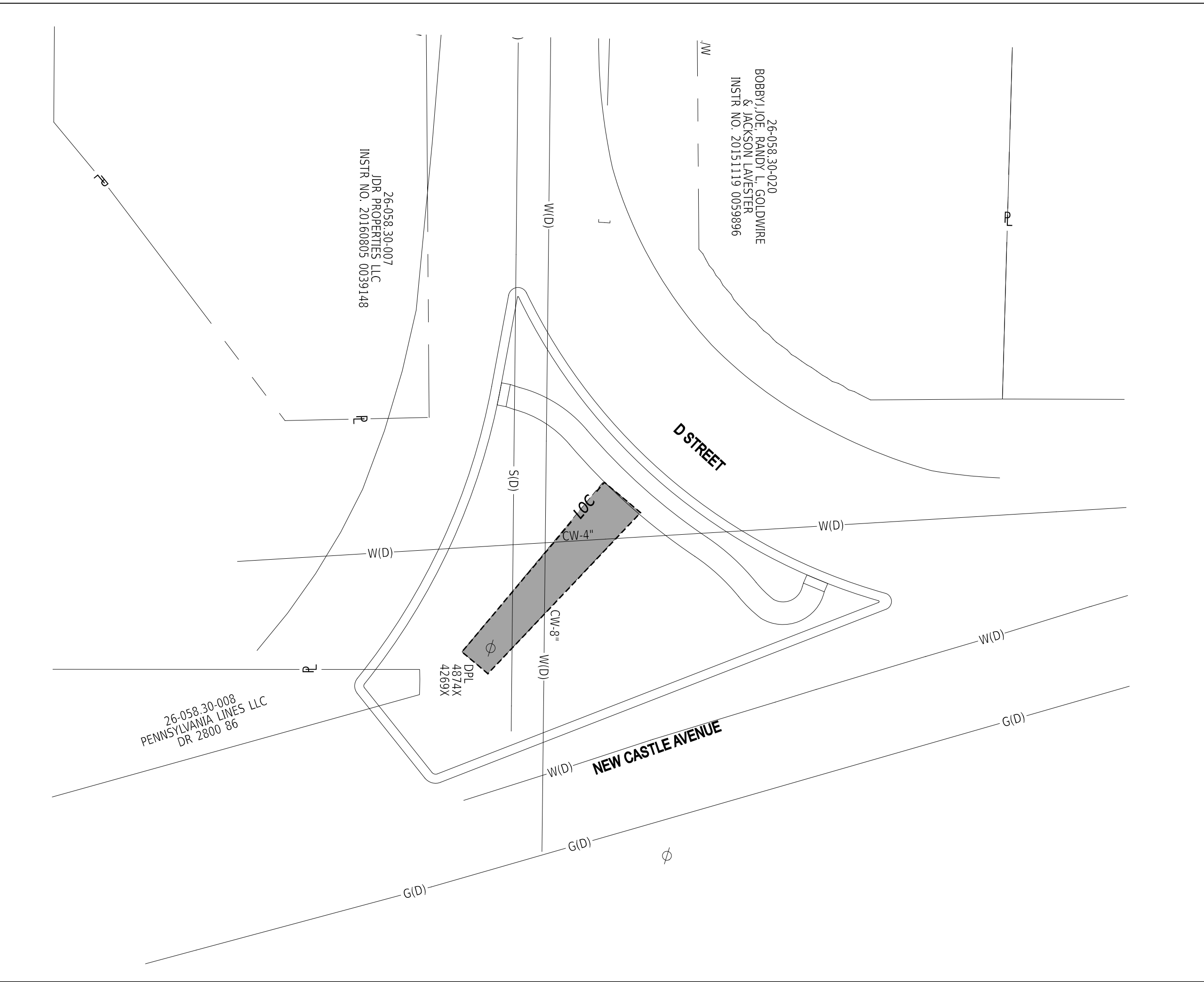


SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 4

SECTION
McT
SHEET NO.
23

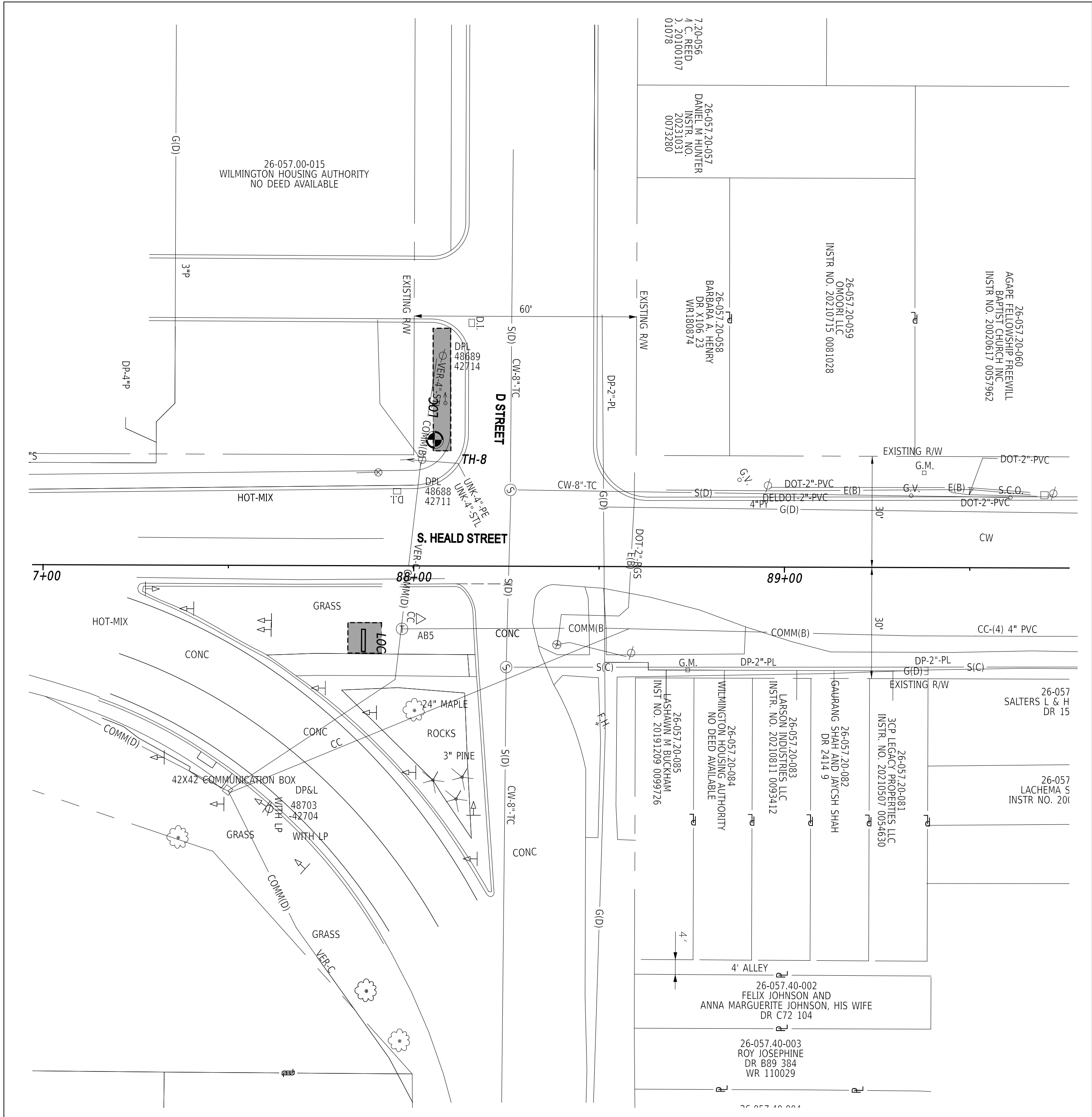
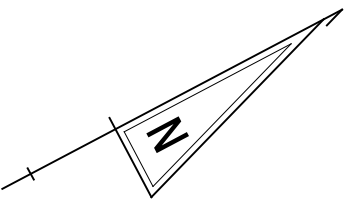


INSTALLATION OF LIGHTING CONDUIT AT D STREET AND NEW CASTLE AVENUE

SEQUENCE OF CONSTRUCTION

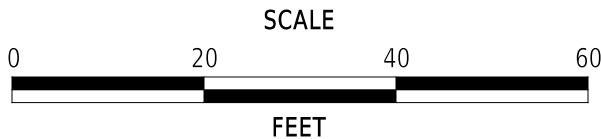
PHASE 5

1. INSTALL CONDUIT, JWS AND POLE BASE FOUNDATIONS AS SHOWN ON THE LIGHTING PLAN DURING ALLOWABLE LANE CLOSURE HOURS USING TA-11B OR TA-10 AS NEEDED.
2. INSTALL TOPSOIL, SEED AND MULCH WHERE NEEDED.
3. INSTALL GATEWAY SIGN USING TA-21 AT LOCATION SHOWN ON CP-05 AND DT-02.
4. REMOVE PHASE 5 TRAFFIC CONTROL DEVICES.



INSTALLATION OF LIGHTING CONDUIT AND PROPOSED SIGN

ADDENDA / REVISIONS	

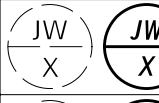
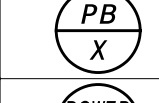
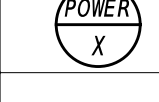
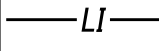
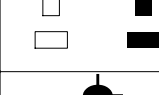
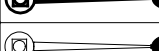
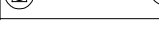


SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

CONSTRUCTION PHASING, M.O.T., AND EROSION CONTROL PLAN - PHASE 5

SECTION
McT
SHEET NO.
24

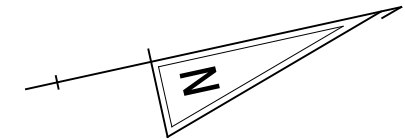
LIGHTING LEGEND	
 JW X	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
 LSR X	LIGHTING SERVICE IDENTIFIER (EXISTING AND PROPOSED)
 LST X	LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
 PB X	POLE BASE IDENTIFIER (TYPE) (PROPOSED)
 POWER X	ELECTRIC SERVICE CONNECTION (PROPOSED)
	PROPOSED LIGHTING SERVICE RUN (CONDUIT)
	JUNCTION WELL (EXISTING AND PROPOSED)
	PROPOSED DECORATIVE LIGHTING STANDARD
	PROPOSED LIGHTING STANDARD
	PROPOSED LUMINAIRE ON EXISTING POLE
	EXISTING LIGHTING STANDARD

LIGHTING STANDARD SCHEDULE						
NO.	CKT NO.	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE	
1	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	629071.6642 620464.3805
2	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	629138.4148 620530.1300
3	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	629278.0955 620578.3664
4	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 3	629506.8226 620600.5358

ELECTRIC SERVICE SCHEDULE				
NO.	SERVICE	DESCRIPTION	NORTHING	EASTING
1	120/240V, 100 AMP, SINGLE-PHASE	DPL POLE 48751-42723	629117.0272	620477.1918
2	120/240V, 100 AMP, SINGLE-PHASE	DPL POLE 48756-42721	629130.1906	620520.4730
3	120/240V, 100 AMP, SINGLE-PHASE	DPL POLE 48762-42735	629282.9557	620598.7413
4	120/240V, 100 AMP, SINGLE-PHASE	DPL POLE 48764-42756	629491.5818	620596.3559

LIGHTING SERVICE SCHEDULE					
SERVICE RUN	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF WIRE
1	1	2" -RGS	7'	T	(2)#6 + (1)#6 GROUND
2	1	3" -PVC	41'	T	(2)#6 + (1)#6 GROUND
3	1	2" -RGS	8'	T	(2)#6 + (1)#6 GROUND
4	1	3" -PVC	7'	T	(2)#6 + (1)#6 GROUND
5	1	2" -RGS	6'	T	(2)#6 + (1)#6 GROUND
6	1	3" -PVC	16'	T	(2)#6 + (1)#6 GROUND
7	1	2" -RGS	7'	T	(2)#6 + (1)#6 GROUND
8	1	3" -PVC	10'	T	(2)#6 + (1)#6 GROUND

* DENOTES EXISTING CONDUIT RUN.
TYPES: HDPE, PVC, RGS
INSTALL METHODS: B=BORE, IB=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH



MATCH LINE (LI-06)

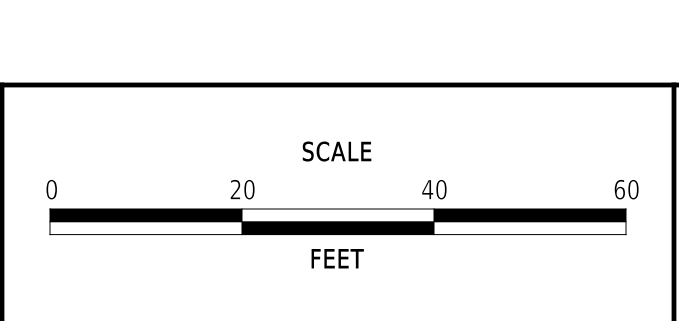
MATCH LINE STA 295+00 (LI-03)

MATCH LINE STA 502+50 (LI-03)

LIGHTING GENERAL NOTES:

- THE CONTRACTOR SHALL COORDIANTE PROCUREMENT AND INSTALLATION OF LIGHTING STANDARDS AND LUMINAIRES WITH STEVEN WEBBER, DIRECTOR OF TRANSPORTATION, CITY OF WILMINGTON, (302)576-3079.
- THE CONTRACTOR SHALL BOND ALL METALLIC BOXES, CONDUITS, POLES, JUNCTION WELL COVERS & GROUND RODS TO FEEDER GROUND CABLES. ALL GROUND WIRE CONNECTIONS TO GROUND RODS SHALL BE COMPLETED USING EXOTHERMIC WELDS. ALL CONDUITS SHALL BE BONDED IN A CONTINUOUS RUN FROM THE SOURCE BY A COPPER GROUNDING CONDUCTOR WITH SIZE AS NOTED ON PLANS. 10 FEET OF ADDITIONAL SLACK FOR EACH GROUND WIRE IN EACH JUNCTION WELL SHALL BE PROVIDED AND NEATLY COILED. COSTS INCIDENTAL TO ITEMS BEING INSTALLED.
- SPLICES FOR ALL ROADWAY LIGHTING ELECTRICAL CABLES SHALL BE COMPLETED USING APPROVED SPLICE KITS OR METHODS APPROVED BY THE ENGINEER AND SHALL BE INCIDENTAL TO THE SUPPLY AND INSTALLATION OF THE VARIOUS ROADWAY LIGHTING ELECTRICAL CABLES. THE METHOD OF SPLICING AT JUNCTION WELLS AND POLE BASES SHALL BE COORDINATED WITH PAT MYERS, MASTER ELECTRICIAN IN THE NORTH DISTRICT AT 302-803-1447.
- ALL FUSED CONNECTIONS SHALL BE MADE IN THE POLE BASE. PROVIDE INDIVIDUAL FUSING FOR ALL LUMINAIRES. SPLICES IN JUNCTION BOXES OR PULL BOXES SHALL NOT BE FUSED. PROVIDE WATERTIGHT, SUBMERSIBLE, PREMOLDED, DISCONNECTABLE, CONNECTOR KITS FOR ALL SPLICES.
- LOCATION OF CONDUIT MAY BE ADJUSTED IN THE FIELD TO AVOID EXISTING OR OTHER PROPOSED CONSTRUCTION FEATURES, SUBJECT TO APPROVAL BY THE ENGINEER. ALL CONDUITS AND POLES SHALL BE LOCATED WITHIN EXISTING RIGHT-OF-WAY OR PERMANENT EASEMENT. CENTER OF CONDUIT TRENCH SHALL BE RUN IN STRAIGHT LINE BETWEEN THE LIGHTING STANDARDS, WHERE POSSIBLE.
- THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER ON THE LOCATIONS OF ALL CONDUIT JUNCTION WELLS, POLE BASES, AND EQUIPMENT BASES TO ELIMINATE CONSTRUCTION CONFLICTS. THE CONTRACTOR SHALL STAKE ALL PROPOSED EQUIPMENT LOCATIONS FOR APPROVAL BY ENGINEER BEFORE INSTALLATION. BURIED ELECTRICAL CABLE AND CONDUIT, AND OTHER UTILITIES, MAY EXIST THROUGHOUT THIS PROJECT. THE EXISTING UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES BY HAND EXCAVATION PRIOR TO TRENCHING BY MACHINE.
- ALL FOUNDATION EXCAVATIONS SHALL BE POURED IN THE SAME DAY OR THE HOLE SHALL BE COVERED AND DEWATERED BEFORE POURING. THE CONTRACTOR SHALL MAKE ANY AND ALL ADJUSTMENTS AS NECESSARY IN THE EVENT THAT HIGH GROUNDWATER OR UNSTABLE SOIL IS ENCOUNTERED. CONTRACTOR SHALL DIRECT ALL SEDIMENT LADEN WATER TO AN APPROVED SEDIMENT TRAPPING DEVICE PRIOR TO RELEASING IT TO ANY DRAINAGE INLET, STORM DRAIN, OR WATER COURSE.
- INSTALL THE PROPOSED POLE BASES SO THAT THE TOP OF THE BASE IS LEVEL AND FLUSH WITH THE FINISHED GRADE. WHERE SIDEWALK IS NOT LEVEL, AVOID SETTING THE TOP OF THE POLE BASE BELOW TOP OF SIDEWALK.
- ALL NORTHING AND EASTING INFORMATION SHOWN FOR PROPOSED LIGHTING STANDARDS IS TO THE CENTER OF THE PROPOSED POLE BASE.
- COMPLETE ALL WORK PERTAINING TO NEW POWER SUPPLIES AND ELECTRICAL SERVICES IN ACCORDANCE WITH DELMARVA POWER AND/OR NATIONAL ELECTRICAL CODE (NEC) REQUIREMENTS UP TO THE POINT OF CONNECTION BY DELMARVA POWER. IF DELMARVA POWER STANDARDS DIFFER WITH NEC, DELMARVA POWER REQUIREMENTS GOVERN.
- THE CITY OF WILMINGTON TO NOTIFY DELMARVA POWER TWO WEEKS IN ADVANCE TO ARRANGE FINAL POWER CONNECTIONS. CONTACT MR. TOM SMITH AT 302-283-5757. NOTE THAT, DELMARVA POWER WILL NOT START PROCESSING THE SERVICE REQUEST UNTIL THE APPLICATION IS SUBMITTED, AND MATERIAL LEAD TIMES FOR TRANSFORMERS CAN BE UP TO 6 MONTHS.
- ELECTRIC SERVICE TO BE OBTAINED BY THE CITY OF WILMINGTON. THE CITY OF WILMINGTON IS RESPONSIBLE FOR SUBMITTING ENERGY ONLY APPLICATIONS FOR UNMETERED SERVICE TO DELMARVA POWER.
- THE CONTRACTOR SHALL PROVIDE RED-LINED AS-BUILT PLANS TO THE ENGINEER SHOWING OFFSETS FROM THE CENTERLINE OF THE ROAD AND DEPTH OF THE CONDUIT FROM CENTERLINE OF THE ROAD. COST IS INCIDENTAL TO LIGHTING ITEMS.

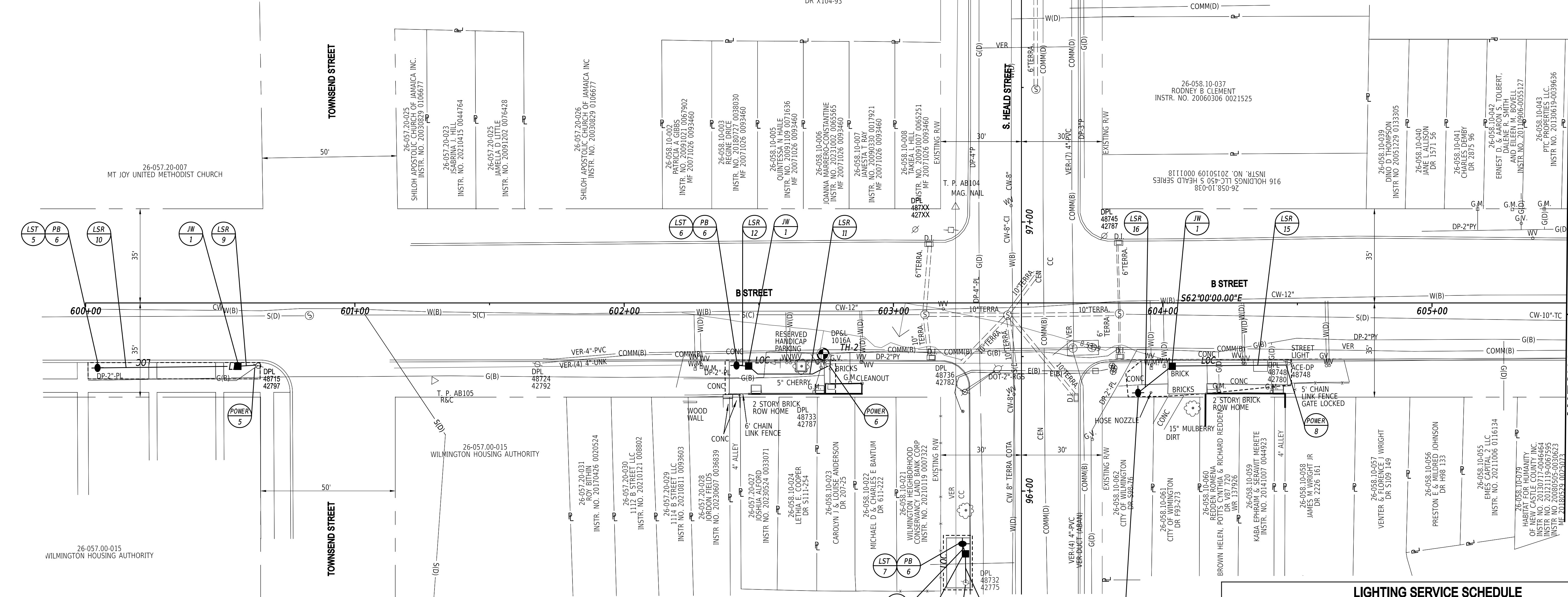
ADDENDA / REVISIONS	



SOUTHBRIDGE STREETSCAPE
IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	T. SMITH
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

LIGHTING PLAN	
SECTION	LI-01
MCT	
SHEET NO.	25



LIGHTING STANDARD SCHEDULE							
NO.	CKT NO.	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE	NORTHING	EASTING
5	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	629927.5444	620051.7224
6	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 3	629816.9602	620261.6668
7	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 3	629719.0111	620304.6149
8	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	629737.9545	620388.5658

LI-02
SECTION
McT
SHEET NO.
26

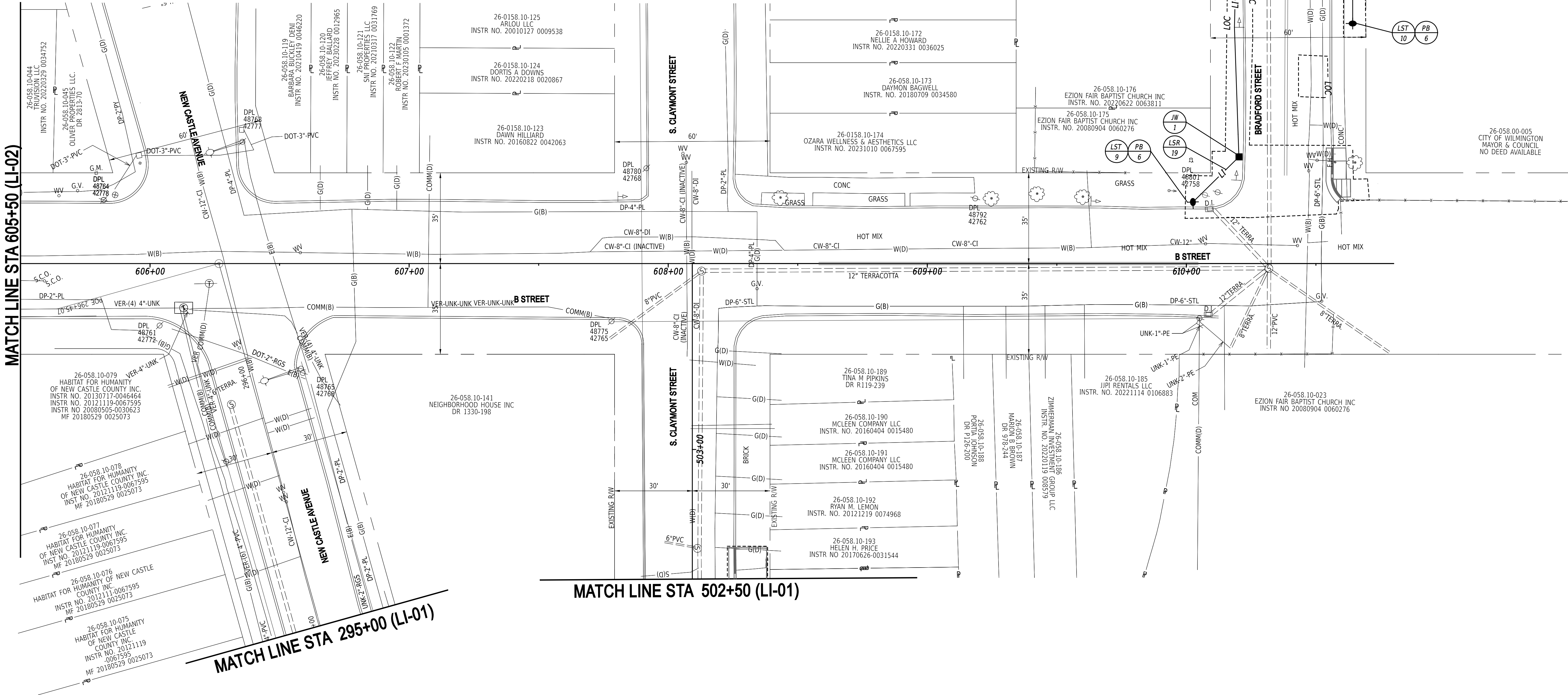
LIGHTING LEGEND		
		JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
		LIGHTING SERVICE IDENTIFIER (EXISTING AND PROPOSED)
		LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
		POLE BASE IDENTIFIER (TYPE) (PROPOSED)
		ELECTRIC SERVICE CONNECTION (PROPOSED)
PROPOSED LIGHTING SERVICE RUN (CONDUIT)		
JUNCTION WELL (EXISTING AND PROPOSED)		
PROPOSED DECORATIVE LIGHTING STANDARD		
PROPOSED LIGHTING STANDARD		
PROPOSED LUMINAIRE ON EXISTING POLE		
EXISTING LIGHTING STANDARD		

LIGHTING STANDARD SCHEDULE							
NO.	CKT NO.	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE	NORTHING	EASTING
9	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	629501.2318	620955.4807
10	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	629533.0947	621042.2576
11	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	629612.6960	621084.5040

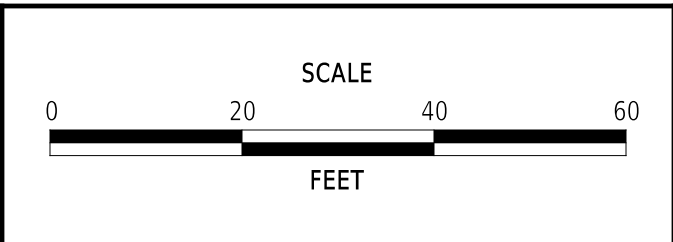
ELECTRIC SERVICE SCHEDULE				
NO.	SERVICE	DESCRIPTION	NORTHING	EASTING
9	120/240V, 100 AMP, SINGLE-PHASE	DPL POLE 48807-42772	629620.4180	621037.8600

LIGHTING SERVICE SCHEDULE					
SERVICE RUN	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF WIRE
17	1	2" -RGS	17'	T	(2)#6 + (1)#6 GROUND
18	1	4" -PVC	110'	T	(2)#6 + (1)#6 GROUND
19	1	3" -PVC	25'	T	(2)#6 + (1)#6 GROUND
20	1	4" -HDPE	44'	B	(2)#6 + (1)#6 GROUND
21	1	3" -PVC	59'	T	(2)#6 + (1)#6 GROUND
22	1	3" -HDPE	32'	B	(2)#6 + (1)#6 GROUND

* DENOTES EXISTING CONDUIT RUN.
TYPES: HDPE, PVC, RGS
INSTALL METHODS: B=BORE, IB=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH



ADDENDA / REVISIONS	



SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III	

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	T. SMITH
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

LIGHTING PLAN	

LI-03
SECTION
McT
SHEET NO.
27

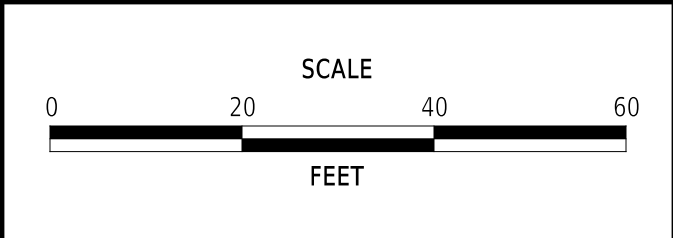
LIGHTING LEGEND	
JW X JW X	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
LSR X LSR X LST X LST X	LIGHTING SERVICE IDENTIFIER (EXISTING AND PROPOSED)
LST X LST X	LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
PB X	POLE BASE IDENTIFIER (TYPE) (PROPOSED)
POWER X	ELECTRIC SERVICE CONNECTION (PROPOSED)
LI	PROPOSED LIGHTING SERVICE RUN (CONDUIT)
	JUNCTION WELL (EXISTING AND PROPOSED)
	PROPOSED DECORATIVE LIGHTING STANDARD
	PROPOSED LIGHTING STANDARD
	PROPOSED LUMINAIRE ON EXISTING POLE
	EXISTING LIGHTING STANDARD

LIGHTING STANDARD SCHEDULE							
NO.	CKT NO.	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE	NORTHING	EASTING
12	A	NA	12" DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	630100.4508	620564.5358

ELECTRIC SERVICE SCHEDULE				
NO.	SERVICE	DESCRIPTION	NORTHING	EASTING
10	120/240V, 100 AMP, SINGLE-PHASE	DPL POLE 48754-42819	630105.9694	620511.0958

LIGHTING SERVICE SCHEDULE					
SERVICE RUN	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF WIRE
23	1	2" - RGS	5'	OC	(2)#6 + (1)#6 GROUND
24	1	4" - PVC	54'	OC	(2)#6 + (1)#6 GROUND
25	1	3" - PVC	8'	OC	(2)#6 + (1)#6 GROUND
* DENOTES EXISTING CONDUIT RUN. TYPES: HDPE, PVC, RGS INSTALL METHODS: B=BORE, IB=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH					

ADDENDA / REVISIONS	

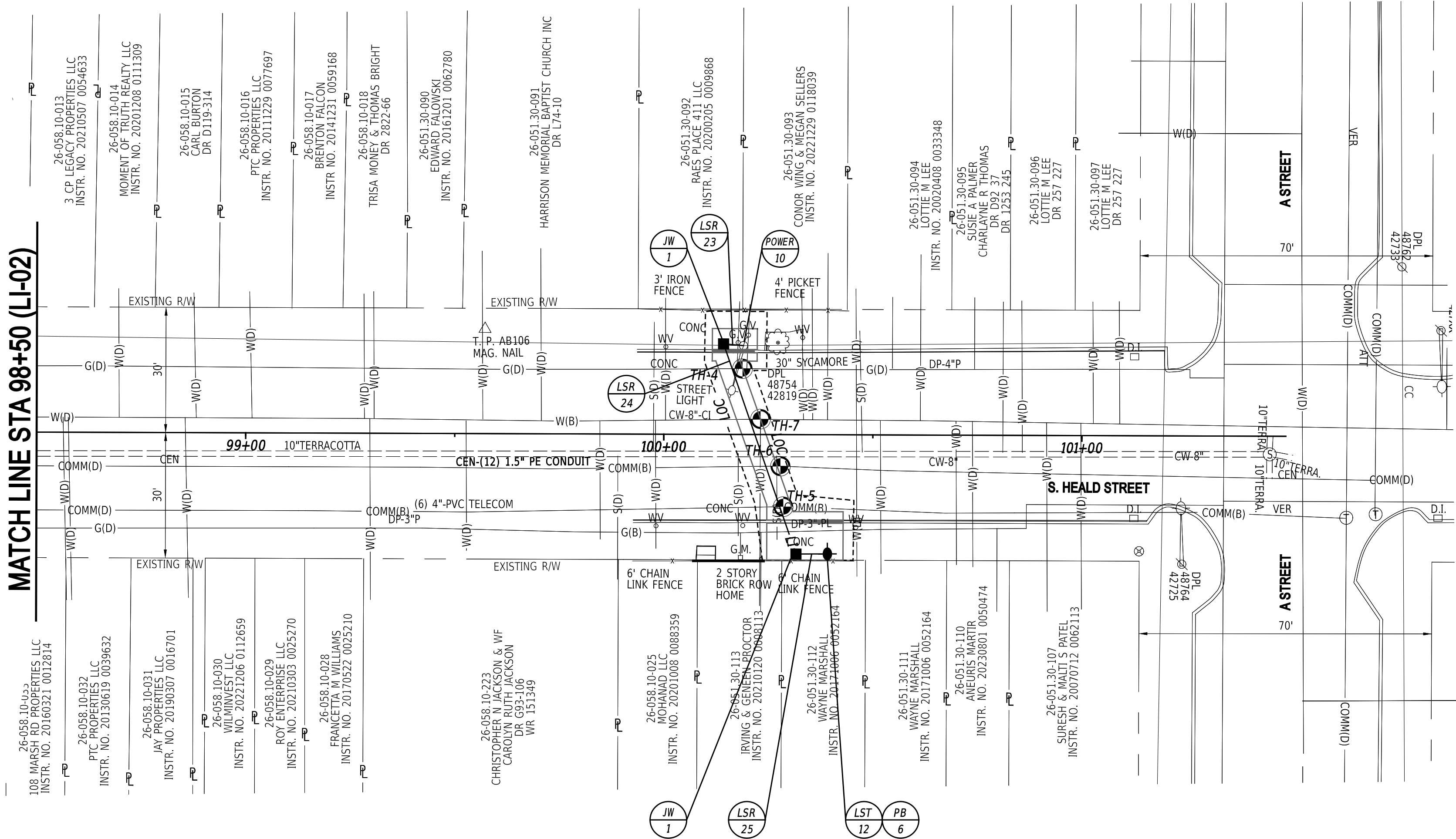


SOUTHBRIDGE STREETSCAPE
IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	T. SMITH
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

LIGHTING PLAN

LI-04
SECTION
McT
SHEET NO.
28

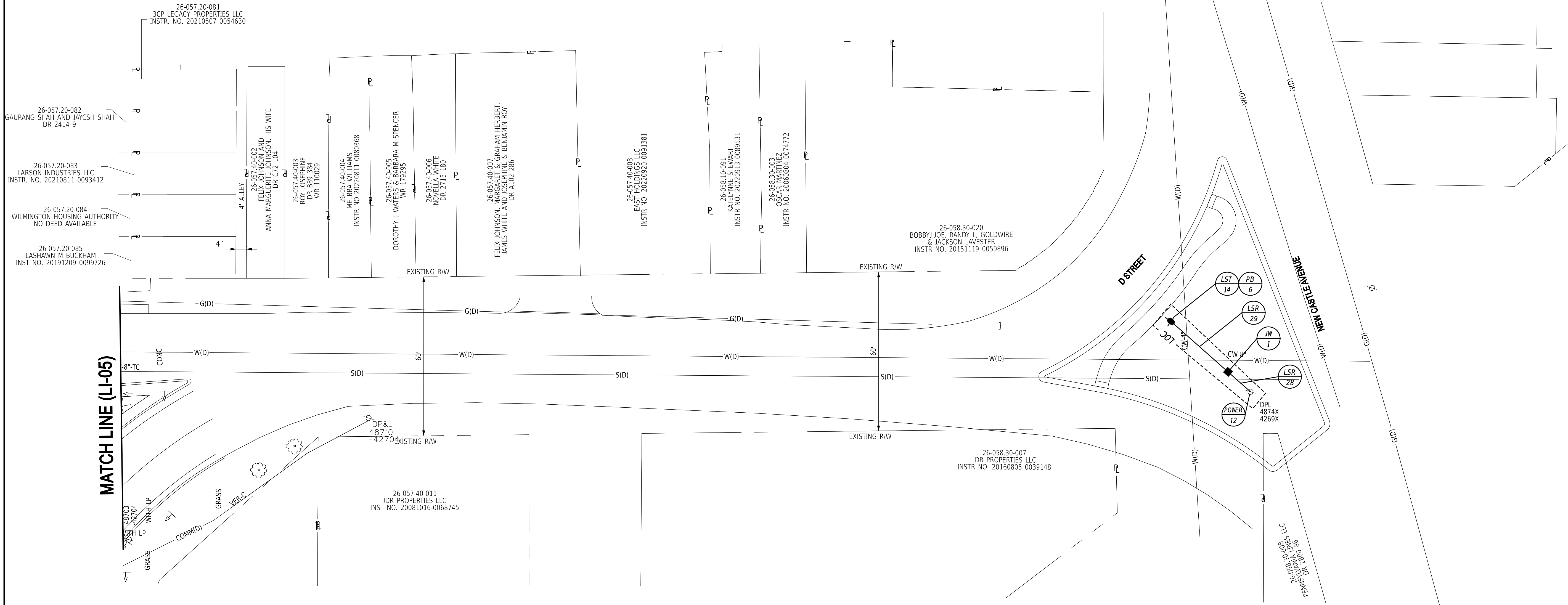


LIGHTING LEGEND	
JW X LSR X LST X PB X POWER X	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
LSR X LSR X LST X LST X	LIGHTING SERVICE IDENTIFIER (EXISTING AND PROPOSED)
LST X LST X	LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
PB X	POLE BASE IDENTIFIER (TYPE) (PROPOSED)
POWER X	ELECTRIC SERVICE CONNECTION (PROPOSED)
LI	PROPOSED LIGHTING SERVICE RUN (CONDUIT)
	JUNCTION WELL (EXISTING AND PROPOSED)
	PROPOSED DECORATIVE LIGHTING STANDARD
	PROPOSED LIGHTING STANDARD
	PROPOSED LUMINAIRE ON EXISTING POLE
	EXISTING LIGHTING STANDARD

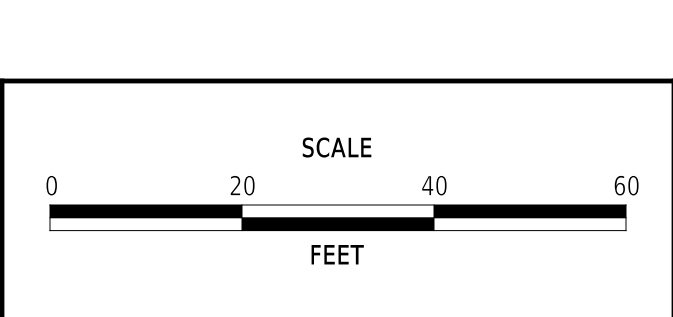
LIGHTING STANDARD SCHEDULE						
NO.	CKT NO.	ARM	LIGHT STANDARD	POLE BASE	LUMINAIRE	
14	A	NA	12' DECORATIVE LIGHT POLE	TYPE 6	150 W EQUIV. LED, TYPE 5	NORTHING 628842.7369 EASTING 620383.2322

ELECTRIC SERVICE SCHEDULE				
NO.	SERVICE	DESCRIPTION	NORTHING	EASTING
12	120/240V, 100 AMP, SINGLE-PHASE	DPL POLE 4874X-4269X	628805.2039	620397.2651

LIGHTING SERVICE SCHEDULE					
SERVICE RUN	NO. OF CONDUITS	SIZE/TYPE	LENGTH	INSTALL METHOD	AMOUNT AND TYPE OF WIRE
28	1	2" -RGS	12'	T	(2)#6 + (1)#6 GROUND
29	1	3" -PVC	29'	T	(2)#6 + (1)#6 GROUND
* DENOTES EXISTING CONDUIT RUN. TYPES: HDPE, PVC, RGS INSTALL METHODS: B=BORE, IB=IN BARRIER, OC=OPEN CUT, OS=ON STRUCTURE, T=TRENCH					



ADDENDA / REVISIONS	



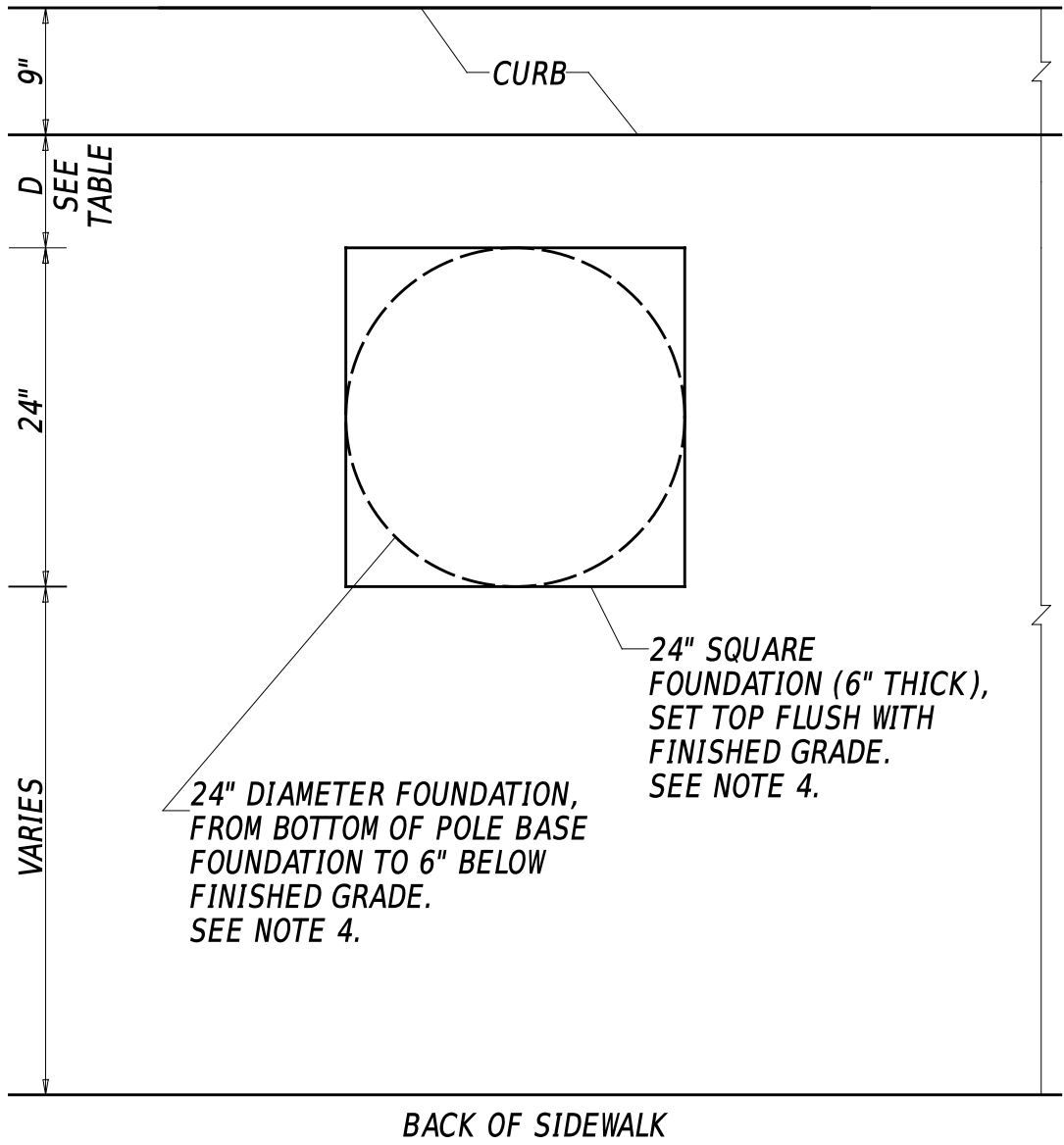
SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III	
--	--

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	T. SMITH
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

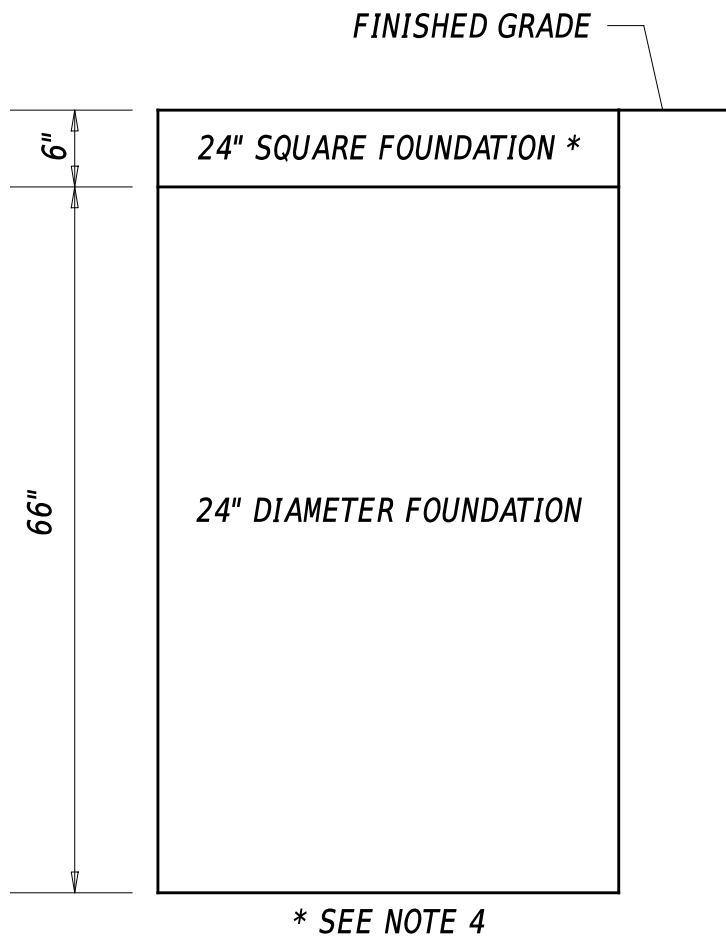
LIGHTING PLAN	
---------------	--

LI-06
SECTION
MCT
SHEET NO.
30

POLEBASE SETBACK FROM BACK OF CURB	
LIGHTING STANDARD NO.	D (IN)
LST-1,4,5,6,7.	16"
LST-12	88"



PLAN VIEW



ELEVATION VIEW

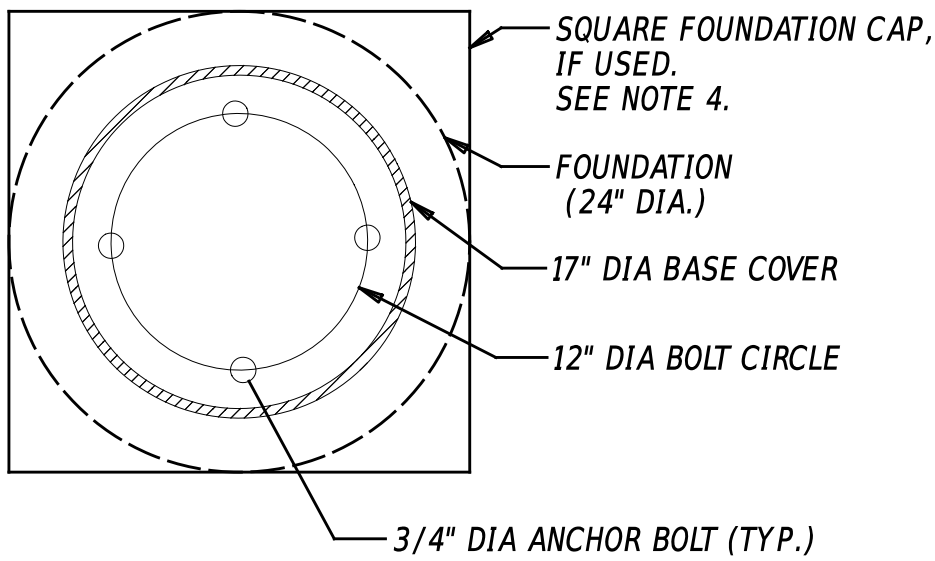
LIGHT POLE FOUNDATION

ITEM 834006
NOT TO SCALE

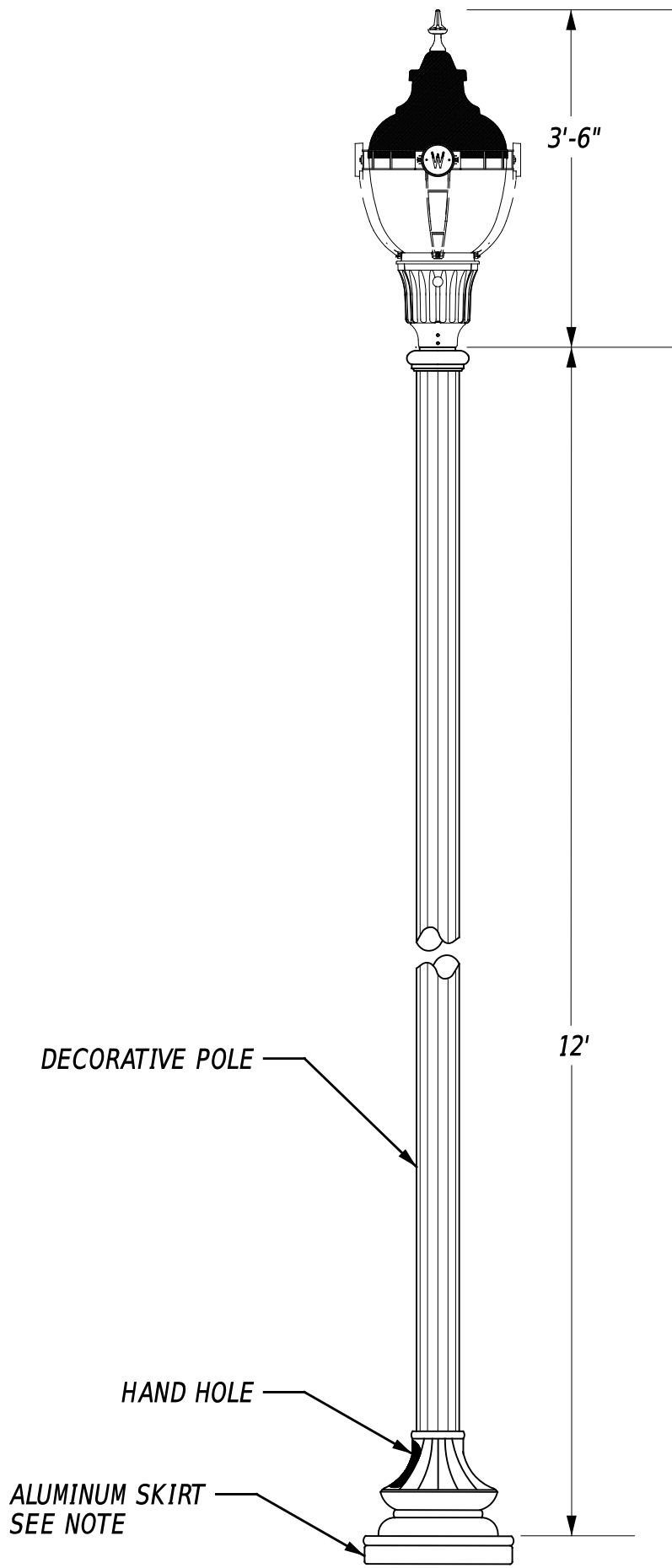


ANCHOR BOLT DETAIL

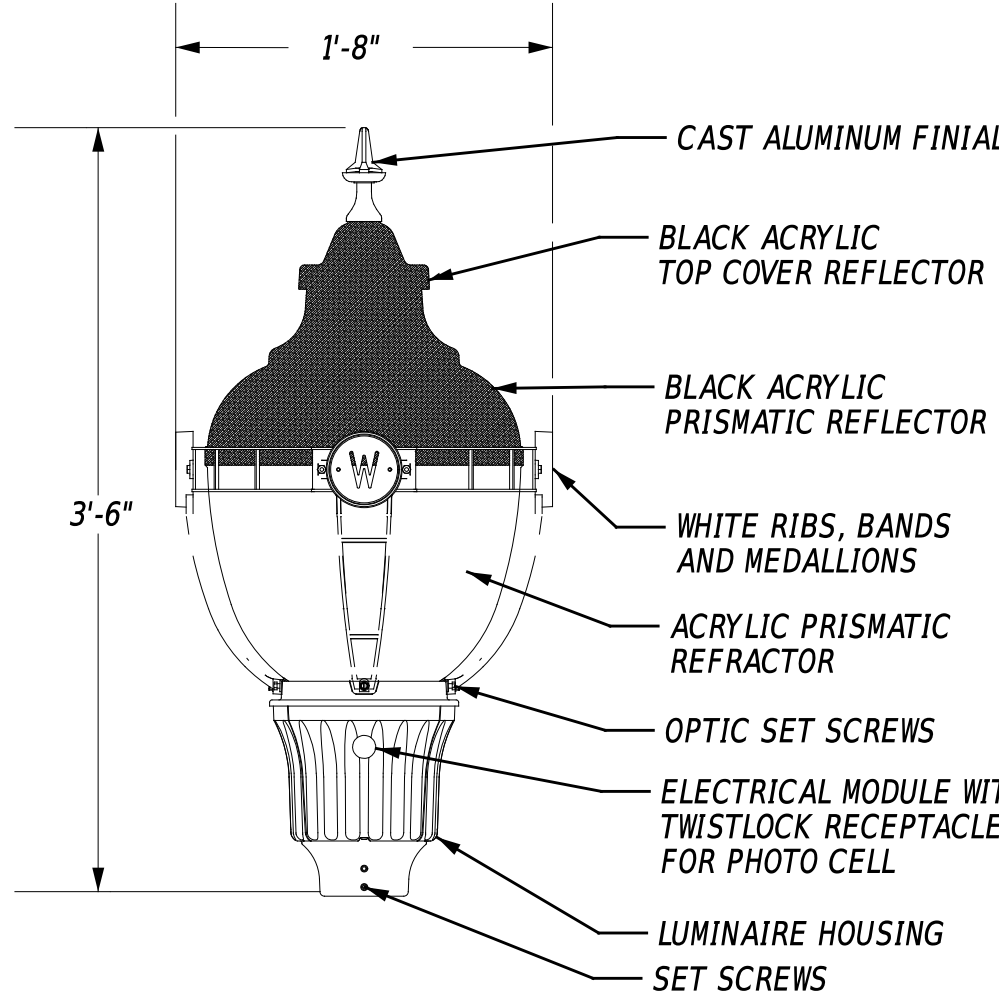
NOT TO SCALE



LIGHTING POLE BASE BOLT PATTERN



LIGHTING STANDARD

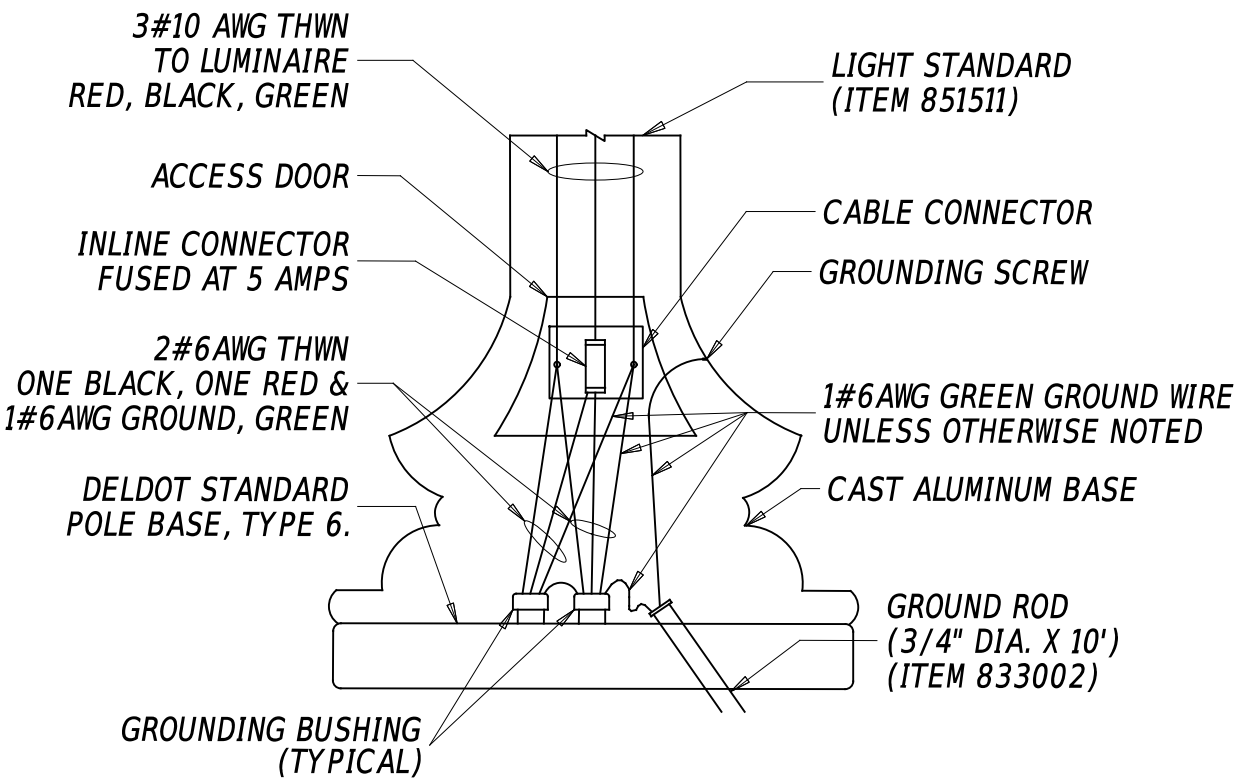


LUMINAIRE DETAILS

NOTE:
AN ALUMINUM SKIRT, OF THE SAME COLOR AS THE POLE, SHALL BE INSTALLED TO COVER THE GAP BETWEEN THE BOTTOM OF THE LIGHT POLE BASE AND THE TOP OF THE LIGHT POLE FOUNDATION CREATED BY THE BREAKAWAY COUPLINGS.

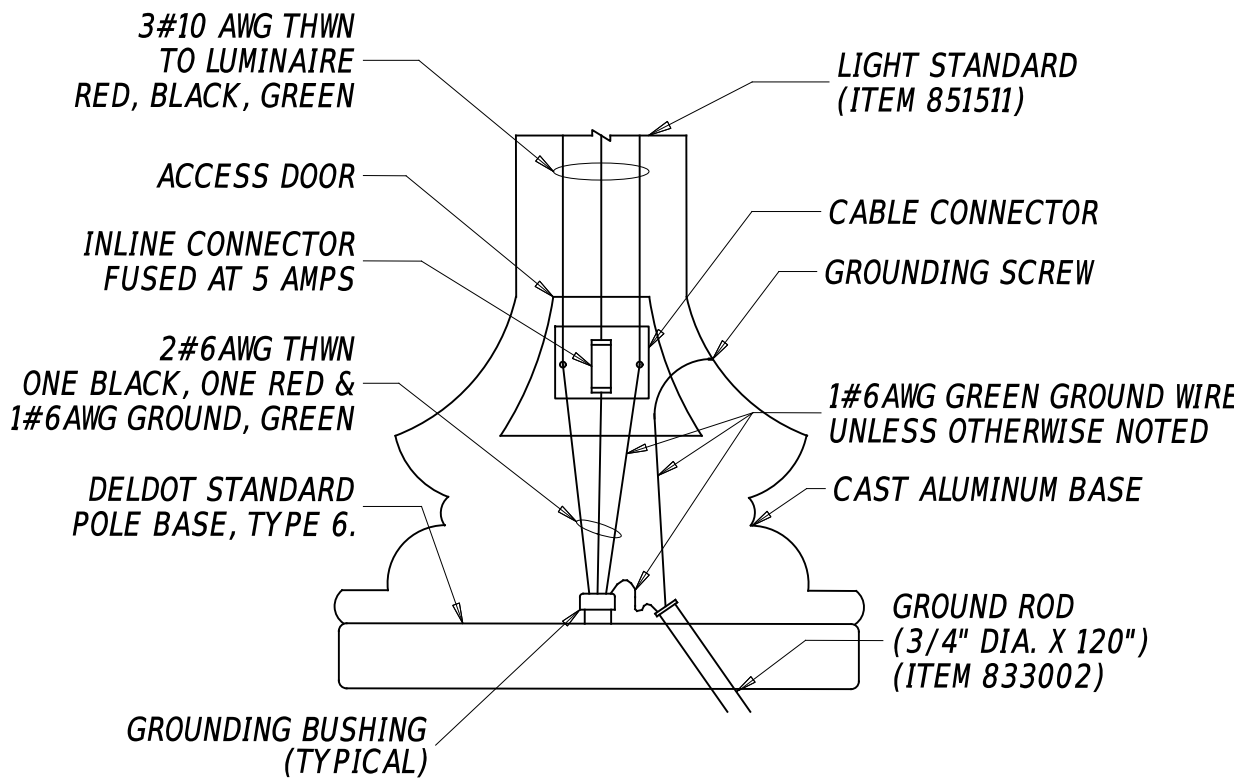
DECORATIVE LIGHT STANDARD AND FIXTURE, LED, SINGLE

ITEM 851511
NOT TO SCALE



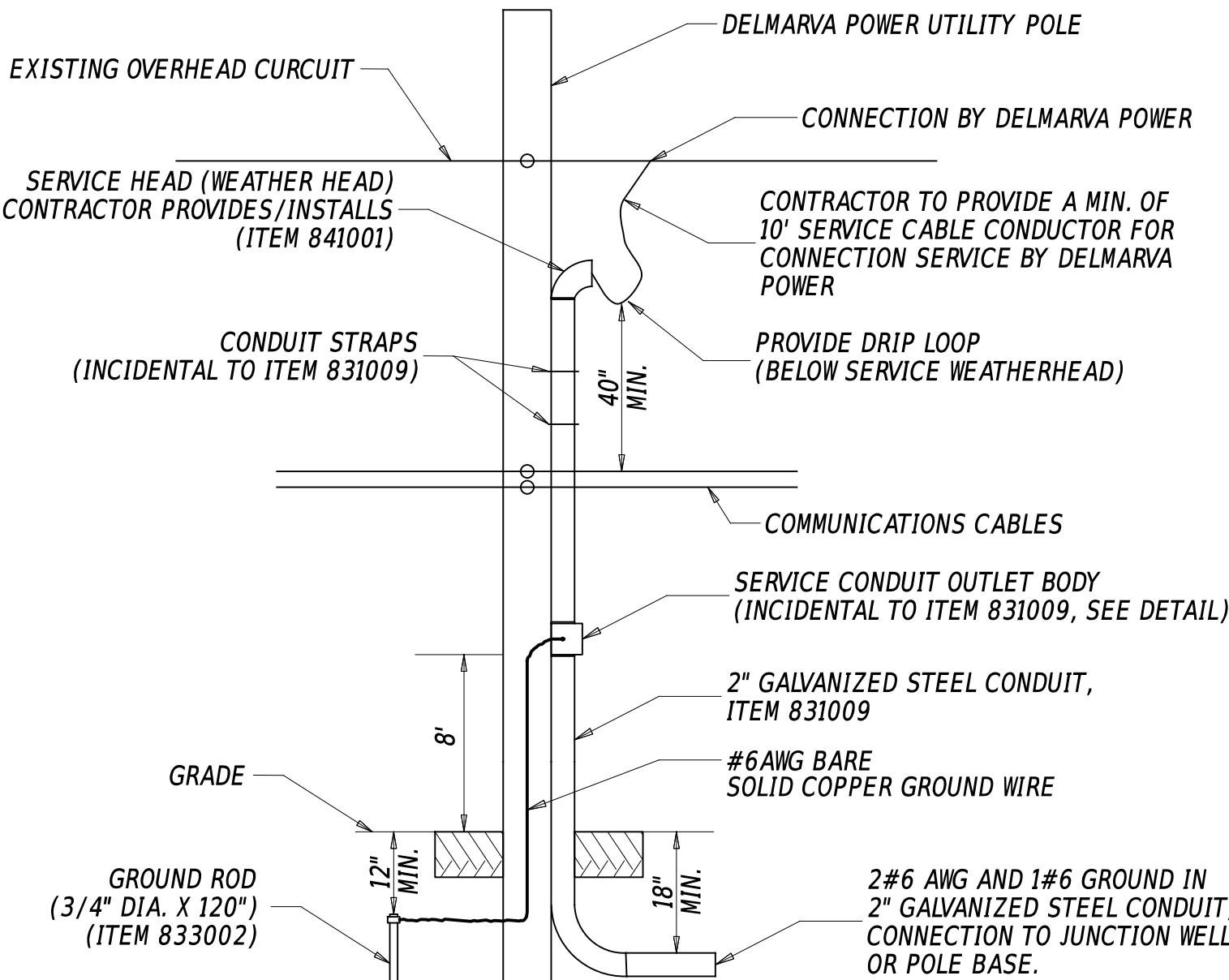
TYPICAL LUMINAIRE CONNECTION
CONTINUOUS CABLE RUN

NOT TO SCALE



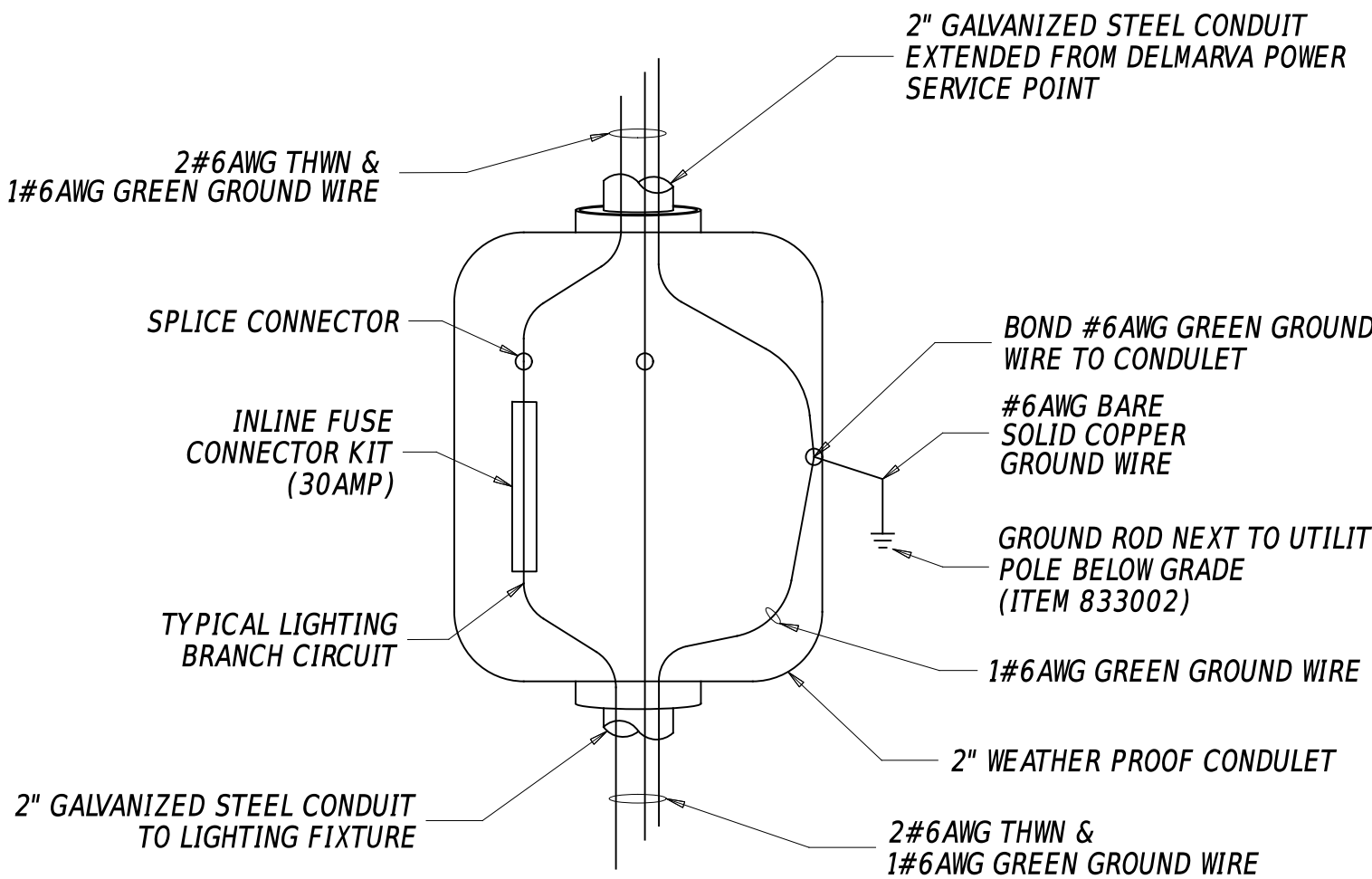
TYPICAL LUMINAIRE CONNECTION
END OF CABLE RUN

NOT TO SCALE



POLE SERVICE DETAIL

NOT TO SCALE



SERVICE CONDUIT OUTLET BODY

NOT TO SCALE

CONTRACT	BRIDGE NO.	N/A	LIGHTING CONSTRUCTION DETAILS	SECTION
T202220003	DESIGNED BY:	T. SMITH		McT
COUNTY	CHECKED BY:	K.MURPHY		SHEET NO.
NEW CASTLE				31

SOUTHBRIDGE STREETScape
IMPROVEMENTS PHASE III

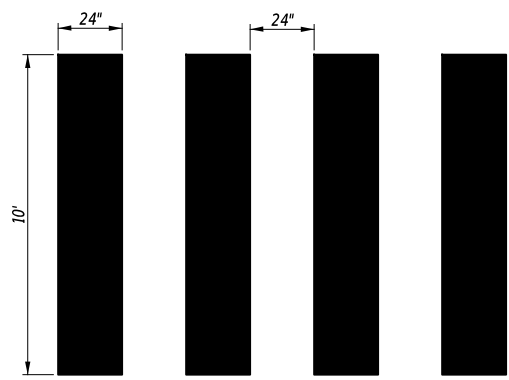
NOT TO SCALE

6-JUN-2025 09:09 \\192.0.0.34\\NWK_Projects\\967_DE_DeDOT_No. 1836F\\020_Southbridge_Streetscape_Improvements_Phase II.dgn

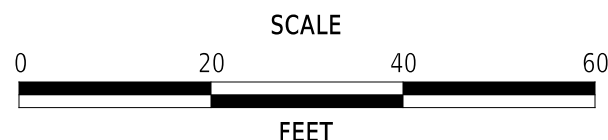
PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 817042)	106 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30" GAP (ITEM 817042)	77 LF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 6" BROKEN - 10' LINE & 30" GAP (ITEM 817044)	77 LF
(D)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 817042)	407 LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 817018)	
(E)	PREFORMED PATTERNED TAPE MARKINGS, WHITE 24" SOLID (ITEM 817012)	620 SF
(F)	PREFORMED PATTERNED TAPE MARKINGS, WHITE 16" SOLID (ITEM 817012)	67 SF
(G)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 817015)	- EACH
(H)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 817002)	- SF
(I)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 817002)	- SF
(X)	REMOVAL OF PAVEMENT STRIPING (ITEM 817031)	220 SF
(I)	PREFORMED PATTERNED TAPE MARKINGS, WHITE SYMBOL/LEGEND (ITEM 817012)	40 SF

NOTE
1. REFRESH STRIPING AT THE EXISTING CROWNLIN

ADDENDA / REVISIONS



PEDESTRIAN CROSSWALK DETAIL
NOT TO SCALE



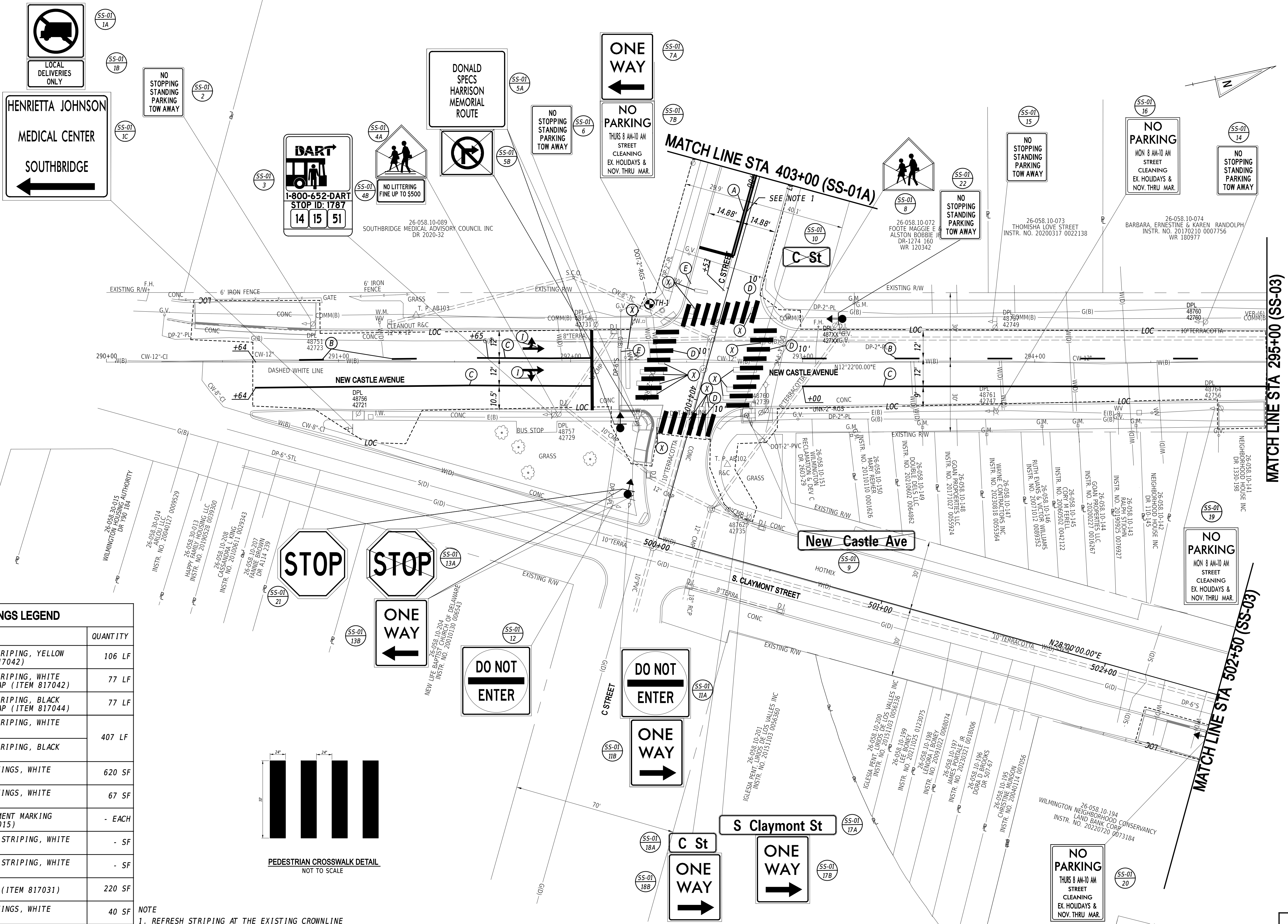
SOUTHBRIDGE STREETScape
IMPROVEMENTS PHASE III

CONTRACT
T202220003
COUNTY
NEW CASTLE

BRIDGE NO.	N/A
DESIGNED BY:	F.ATIQUE
CHECKED BY:	K.MURPHY

SIGNING, STRIPING
AND CONDUIT PLAN

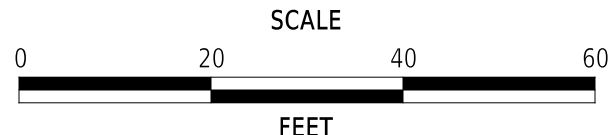
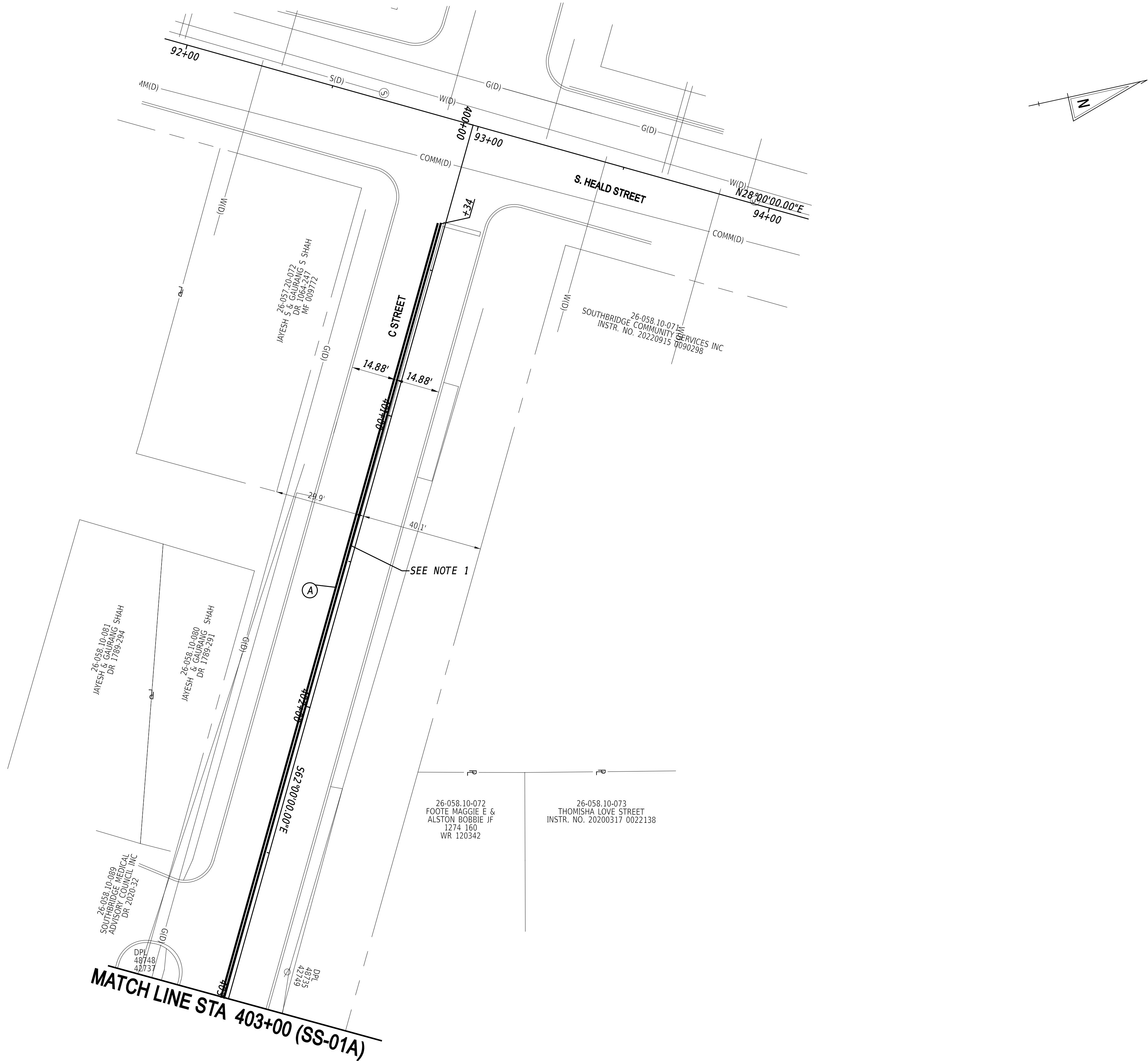
SS-01
SECTION
MCT
SHEET NO.
32



6-IUN-2025
09:09
\\192.0.0.34\\NWK_Projects\\1967_DE_DeDOT_No. 1836F\\020_Southbridge_Streetscape_Improvements_Phase III\\300_CADD\\Plan_Set\\Roadway\\SS01A_Southbridge Streetscape Improvements Phase III.dgn

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 817042)	532 LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 817042)	- LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 6" BROKEN - 10' LINE & 30' GAP (ITEM 817044)	- LF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 817042)	- LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 817018)	
(D)	PREFORMED PATTERNED TAPE MARKINGS, WHITE 24" SOLID (ITEM 817012)	- SF
(E)	PREFORMED PATTERNED TAPE MARKINGS, WHITE 16" SOLID (ITEM 817012)	- SF
(F)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 817015)	- EACH
(G)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 817002)	- SF
(H)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 817002)	- SF
(X)	REMOVAL OF PAVEMENT STRIPING (ITEM 817031)	- SF
(I)	PREFORMED PATTERNED TAPE MARKINGS, WHITE SYMBOL/LEGEND (ITEM 817012)	- SF

NOTE
1. REFRESH STRIPING AT THE EXISTING CROWNLINE



SOUTHBRIDGE STREETScape
IMPROVEMENTS PHASE III

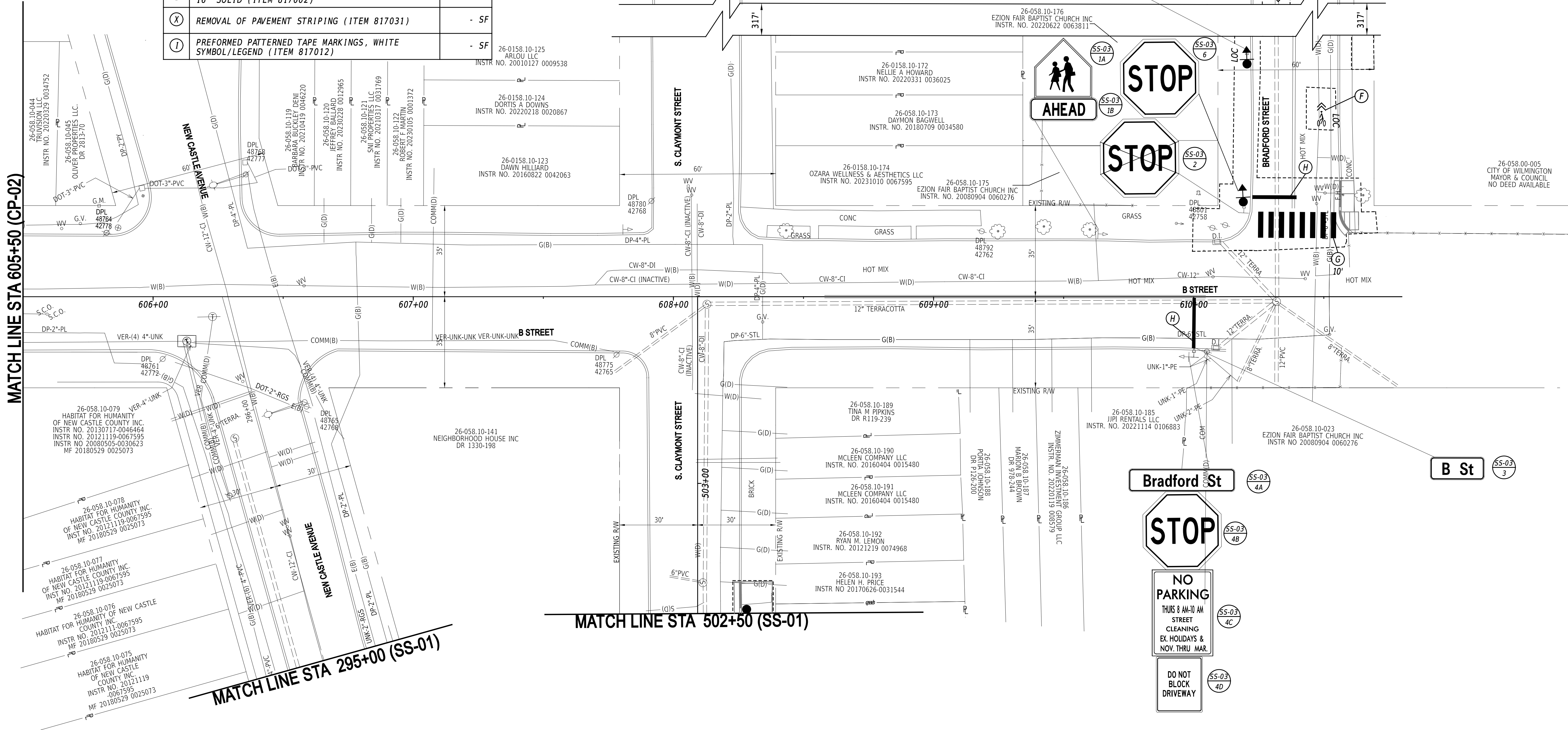
CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

SIGNING, STRIPING
AND CONDUIT PLAN

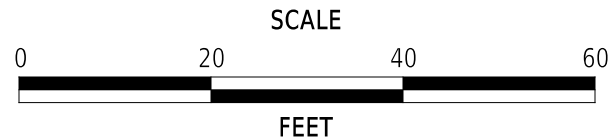
SS-01A
SECTION
MCT
SHEET NO.
33

MATCH LINE STA 605+50 (CP-02)

PAVEMENT MARKINGS LEGEND		
SYM	ITEM	QUANTITY
(A)	EPOXY RESIN PAINT PAVEMENT STRIPING, YELLOW 6" SOLID DOUBLE LINE (ITEM 817042)	- LF
(B)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" BROKEN - 10' LINE & 30' GAP (ITEM 817042)	- LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 6" BROKEN - 10' LINE & 30' GAP (ITEM 817044)	- LF
(C)	EPOXY RESIN PAINT PAVEMENT STRIPING, WHITE 6" SOLID (ITEM 817042)	- LF
	EPOXY RESIN PAINT PAVEMENT STRIPING, BLACK 3" SOLID (ITEM 817018)	- LF
(D)	PREFORMED PATTERNED TAPE MARKINGS, WHITE 24" SOLID (ITEM 817012)	- SF
(E)	PREFORMED PATTERNED TAPE MARKINGS, WHITE 16" SOLID (ITEM 817012)	- SF
(F)	PREFORMED THERMOPLASTIC PAVEMENT MARKING WHITE, BIKE SYMBOL (ITEM 817015)	4 EACH
(G)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 24" SOLID (ITEM 817002)	160 SF
(H)	ALKYD-THERMOPLASTIC PAVEMENT STRIPING, WHITE 16" SOLID (ITEM 817002)	65 SF
(X)	REMOVAL OF PAVEMENT STRIPING (ITEM 817031)	- SF
(I)	PREFORMED PATTERNED TAPE MARKINGS, WHITE SYMBOL/LEGEND (ITEM 817012)	- SF



ADDENDA / REVISIONS



SOUTHBRIDGE STREETScape
IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

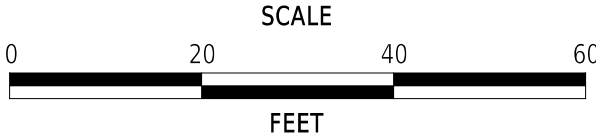
SIGNING, STRIPING
AND CONDUIT PLAN

SS-03
SECTION
MCT
SHEET NO.
34

10-JUN-2025 16:34 \\PHLFS\NMWK_Projects\967_DE_De\DOT_No. 1838\F020_Southbridge_Streetscape_Improvements_Phase_III.dgn

NOTE: EXISTING SIGNS NOT IDENTIFIED ON THESE PLANS ARE TO REMAIN.

ADDENDA / REVISIONS	

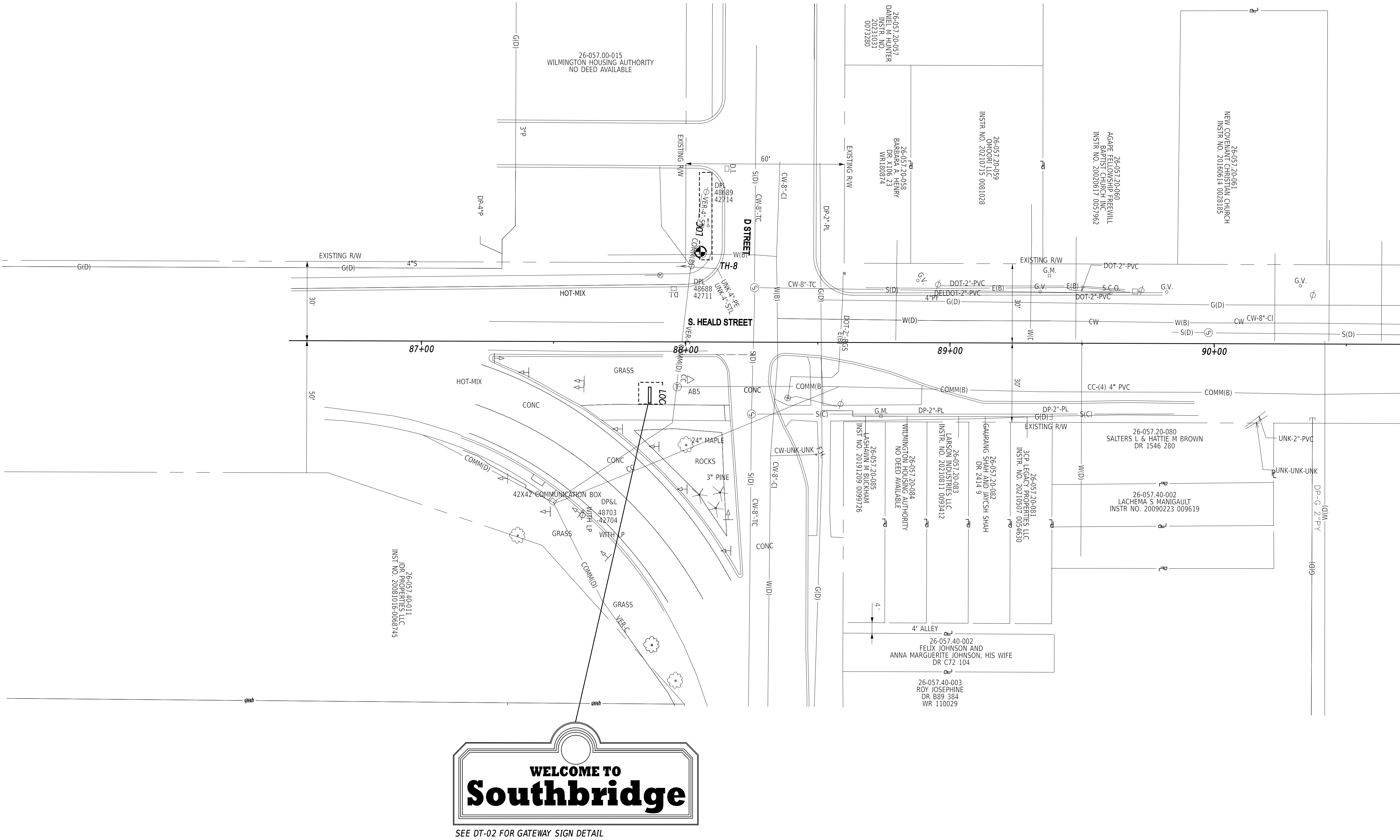


SOUTHBRIDGE STREETSCAPE
IMPROVEMENTS PHASE III

CONTRACT	BRIDGE NO.	N/A
T202220003	DESIGNED BY:	F.ATIQUE
COUNTY	CHECKED BY:	K.MURPHY
NEW CASTLE		

SIGNING, STRIPING
AND CONDUIT PLAN

SS-05
SECTION
MCT
SHEET NO.
35



PERMANENT SIGN SCHEDULE - ROADWAY																													
SHEET NO.	PLAN IDENTIFIER	SIGN DESIGNATION	QTY.	DESCRIPTION	SIGN WIDTH (IN)	SIGN HEIGHT (IN)	X13 / ITEM 818001 SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM, TYPE IV, RETROREFLECTIVE SHEETING (SF)	X14 / ITEM 818003 SUPPLY OF ROADSIDE FLAT SHEET ALUMINUM, TYPE XI, RETROREFLECTIVE SHEETING (SF)	X15 / ITEM 819512 SIGN POST REFLECTIVE PANEL (EA)	ITEM 819018 INSTALL OR REMOVE TRAFFIC SIGNS (EACH)			ITEM 819011 PROVIDE GALVANIZED TELESOPING SIGN POST (EACH) TO BE USED FOR NEW SIGN POSTS, CONTRACTOR TO DETERMINE LENGTH	ITEM 8190XX INSTALL OR REMOVE GALVANIZED TELESOPING SIGN POST (EACH)			POST INSTALLATION TYPE	ITEM 819016 4" HOLE, 0-6" (EACH)	ITEM 819017 4" HOLE, >6" (EACH)	SIGN DISPOSITION	ITEM 821003 INSTALLATION OF BARRIER MOUNTED SIGN SUPPORT (EACH) (PROJECT CONTRACTOR ITEM)	ITEM 821005 INSTALLATION OF SIGN ON BARRIER MOUNTED SIGN SUPPORT (SF) (PROJECT CONTRACTOR ITEM)	ITEM 821006 REMOVAL OF SIGN ON BARRIER MOUNTED SIGN SUPPORT (SF) (PROJECT CONTRACTOR ITEM)	X14A FLAT SHEET ALUMINUM SIGN PANELS (TYPE XI SHEETING) SIGNS ON POLES, SPAN WIRES, MAST ARMS (TRAFFIC SUPPLY)	ITEM 822500 INSTALL OVERHEAD SIGN (SF) ON SIGNAL POLES TRAFFIC CONTRACTOR ITEM EXCEPT FOR PILOT PROJECTS	ITEM 823003 REMOVAL OF SIGN ON SPAN WIRE OR MAST ARM (EA) TRAFFIC CONTRACTOR ITEM EXCEPT FOR PILOT PROJECTS	ITEM 823001 INSTALLATION OF SIGN ON SPAN WIRE OR MAST ARM (SF) TRAFFIC CONTRACTOR ITEM EXCEPT FOR PILOT PROJECTS	REMARKS	
										SIGN DISPOSITION	REMOVE	INSTALL		SIGN POST DISPOSITION	REMOVE	INSTALL													
SS-01	1A	R5-2(24)	1	NO TRUCKS - 24x24	24	24				REMAIN																			
SS-01	1B	Special	1	LOCAL DELIVERIES ONLY	24	15				REMAIN																			
SS-01	1C	Special	1	HENRIETTA JOHNSON MEDICAL CENTER SOUTHBRIDGE	30	30				REMAIN																		WHITE LEGEND ON BLUE BACKGROUND	
SS-01	2	R7-4-DE(12)	1	NO STOPPING, STANDING, OR PARKING - 12x18	12	18				REMAIN																		NO STOPPING STANDING PARKING TOWAWAY	
SS-01	3	D4-3-DE	1	BUS STOP (REQUESTS FOR FABRICATION THRU DART TRANSIT AT 302-576-6132)	12	18				REMAIN																		Stop ID: 1787, Routes 14,15,51	
SS-01	4A	S1-1(30)	1	SCHOOL SIGN (Symbol) - 30x30	30	30				REMOVE	1																		
SS-01	4B	Special	1	NO LITTERING FINE UPTO \$500	24	12				REMAIN																			
SS-01	5A	Special	1	DONALD SPECS HARRISON MEMORIAL ROUTE	30	36				REPOSITION	1	1	1	REPOSITION	1	1	SOIL											Yellow legend on blue background. City of Wilmington Seal	
SS-01	5B	R3-1(24)	1	RIGHT TURN PROHIBITION (Symbol) - 24x24	24	24				REMOVE	1																		
SS-01	6	R7-4-DE(18)	1	NO STOPPING, STANDING, OR PARKING - 18x24	18	24				REMAIN																		NO STOPPING STANDING PARKING TOWAWAY	
SS-01	7A	R6-2_L(24)	1	ONE WAY (LEFT ARROW) - 24x30	24	30				REMAIN																			
SS-01	7B	R7-2a	1	NO PARKING X:XX AM TO X:XX PM	12	18				REMAIN																		NO PARKING THURS 8 AM-10AM STREET CLEANING EX. HOLIDAYS & NOV. THRU MAR.	
SS-01	8	S1-1(30)	1	SCHOOL SIGN (Symbol) - 30x30	30	30				REMOVE	1																		
SS-01	9	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMOVE	1																	New Castle Ave C St	
SS-01	10	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMOVE	1																		
SS-01	11A	R5-1(30)	1	DO NOT ENTER - 30x30	30	30				REMAIN																			
SS-01	11B	R6-2_R(24)	1	ONE WAY (RIGHT ARROW) - 24x30	24	30				REMAIN																			
SS-01	12	R5-1(30)	1	DO NOT ENTER - 30x30	30	30				REMAIN																			
SS-01	13A	R1-1(30)	1	STOP	30	30				REMOVE	1			REMOVE	1														
SS-01	13B	R6-2_L(24)	1	ONE WAY (LEFT ARROW) - 24x30	24	30				REPOSITION	1	1																	
SS-01	14	R7-4-DE(18)	1	NO STOPPING, STANDING, OR PARKING - 18x24	18	24				REMAIN																		REPOSITION TO ASSEMBLY 21	
SS-01	15	R7-4-DE(18)	1	NO STOPPING, STANDING, OR PARKING - 18x24	18	24				REMAIN																		NO STOPPING STANDING PARKING TOWAWAY	
SS-01	16	R7-2a	1	NO PARKING X:XX AM TO X:XX PM	12	18				REMAIN																		NO STOPPING STANDING PARKING TOWAWAY	
SS-01	17A	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN																		NO PARKING MON 8 AM-10AM STREET CLEANING EX. HOLIDAYS & NOV. THRU MAR.	
SS-01	17B	R6-2_R(24)	1	ONE WAY (RIGHT ARROW) - 24x30	24	30				REMAIN																		S Claymont St	
SS-01	18A	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN																		C St	
SS-01	18B	R6-2_R(24)	1	ONE WAY (RIGHT ARROW) - 24x30	24	30				REMAIN																			
SS-01	19	R7-2a	1	NO PARKING X:XX AM TO X:XX PM	12	18				REMAIN																		NO PARKING MON 8 AM-10AM STREET CLEANING EX. HOLIDAYS & NOV. THRU MAR.	
SS-01	20	R7-2a	1	NO PARKING X:XX AM TO X:XX PM	12	18				REPOSITION	1	1	1	NEW		1	EX. CONCRETE	1										NO PARKING MON 8 AM-10AM STREET CLEANING EX. HOLIDAYS & NOV. THRU MAR.	
SS-01	21	R1-1(36)	1	STOP	36	36				NEW W/ POST		1	1	NEW		1	SOIL												
SS-01	22	R7-4-DE(18)	1	NO STOPPING, STANDING, OR PARKING - 18x24	18	24	3.0	7.5		NEW		1	1	NEW		1	EX. CONCRETE	1											
SS-03	1A	S1-1(30)	1	SCHOOL SIGN (Symbol) - 30x30	30	30				REMAIN																			
SS-03	1B	W16-9P(24)	1	AHEAD (plaque) - 24x12	24	12				REMAIN																			
SS-03	2	R1-1(24)	1	STOP (on stop/slow paddle)	24	24				REMOVE	1			REMOVE	1														
SS-03	3	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN																			
SS-03	4A	D3-1(8)	1	STREET NAME (1 Line) Intersection of two subdivision streets	24	8				REMAIN																		B St	
SS-03	4B	R1-1(36)	1	STOP	36	36				REMAIN																		Bradford St	
SS-03	4C	R7-2a	1	NO PARKING X:XX AM TO X:XX PM	12	18				REMAIN																		NO PARKING THURS 8 AM-10AM STREET CLEANING EX. HOLIDAYS & NOV. THRU MAR.	
SS-03	4D	R10-7-DE	1	DO NOT BLOCK DRIVEWAY	24	30				REMAIN																			
SS-03	5	R7-2a	1	NO PARKING X:XX AM TO X:XX PM	12	18				REPOSITION	1	1	1	NEW		1	NEW CONCRETE											NO PARKING MON 8 AM-10AM STREET CLEANING EX. HOLIDAYS & NOV. THRU MAR.	
SS-03	6	R1-1(36)	1	STOP	36	36				NEW W/ POST		1	1	NEW		1	SOIL												
PAGE TOTALS							3	15	0		11	7	6		3	6	SOIL	2	0		0	0	0	0	0	0	0	0	

ADDENDA / REVISIONS		NOT TO SCALE	SOUTHBRIDGE STREETSCAPE IMPROVEMENTS PHASE III	CONTRACT	BRIDGE NO.	N/A	SIGNING, STRIPING AND CONDUIT PLAN
				T202220003	DESIGNED BY: F.ATIQUE		
				COUNTY	CHECKED BY: K.MURPHY		
				NEW CASTLE			

POLE SCHEDULE					
POLE NO.	TYPE	MATERIAL	HEIGHT	NORTHING	EASTING
1	EXISTING MAST ARM POLE	STEEL	21.5'	629293.1924	620556.2079
2	EXISTING MAST ARM POLE	STEEL	21.5'	629243.9171	620550.8959
3	EXISTING PEDESTRIAN POLE	ALUMINUM	10'	629317.7173	620517.7054
4	EXISTING PEDESTRIAN POLE	ALUMINUM	10'	629266.6562	620502.2843
5	MAST ARM POLE W/ TYPE 3A POLE BASE	STEEL	21.5'	629263.7853	620501.3542
6	PEDESTRIAN POLE	ALUMINUM	10'	629241.0252	620551.7047
7	PEDESTRIAN POLE	ALUMINUM	10'	629285.5782	620563.8932
8	PEDESTRIAN POLE	ALUMINUM	10'	629317.7173	620517.7054

NOTE: POLES 5, 6, 7, AND 8 ARE BLACK POWDER COATED.

MAST ARM SCHEDULE						
MA NO.	HEIGHT OF POLE	LENGTH OF ARM	NO. OF HEADS	NO. OF OPTICOM RECEIVERS	S.F. OF SIGNING	ARM MOUNT HEIGHT
1	21.5'	45'	4	2	22.75	17'-7.25"

NOTE: MAST ARM 1 IS BLACK POWDER COATED.

S-1
D3-1a (30"x18")
8"/6" D-SERIES

C St

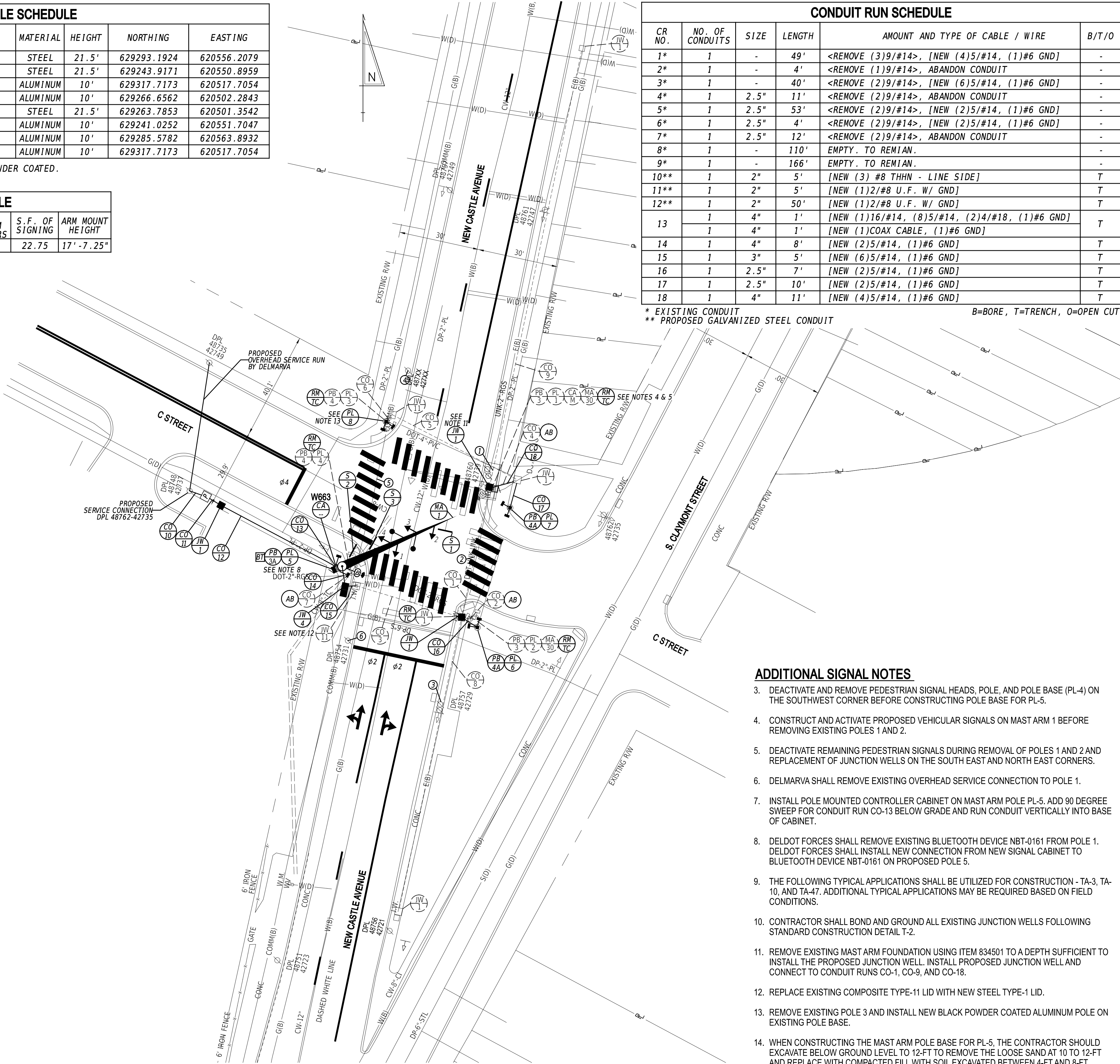
S-2
D3-1a (80"x18")
8"/6" D-SERIES

New Castle Ave

S-3
R3-1 (36"x36")



AERIAL HEIGHTS		
NO.	TYPE	HEIGHT ABOVE GRADE
①	COMM	24.3'
②	COMM	22.8'
③	COMM	19.9'
④	COMM	18.8'
⑤	COMM	16.9'
⑥	COMM	20.1'



CONDUIT RUN SCHEDULE					
CR NO.	NO. OF CONDUITS	SIZE	LENGTH	AMOUNT AND TYPE OF CABLE / WIRE	B/T/O
1*	1	-	49'	<REMOVE (3)9/#14>, [NEW (4)5/#14, (1)#6 GND]	-
2*	1	-	4'	<REMOVE (1)9/#14>, ABANDON CONDUIT	-
3*	1	-	40'	<REMOVE (2)9/#14>, [NEW (6)5/#14, (1)#6 GND]	-
4*	1	2.5"	11'	<REMOVE (2)9/#14>, ABANDON CONDUIT	-
5*	1	2.5"	53'	<REMOVE (2)9/#14>, [NEW (2)5/#14, (1)#6 GND]	-
6*	1	2.5"	4'	<REMOVE (2)9/#14>, [NEW (2)5/#14, (1)#6 GND]	-
7*	1	2.5"	12'	<REMOVE (2)9/#14>, ABANDON CONDUIT	-
8*	1	-	110'	EMPTY. TO REMIAN.	-
9*	1	-	166'	EMPTY. TO REMIAN.	-
10**	1	2"	5'	[NEW (3) #8 THHN - LINE SIDE]	T
11**	1	2"	5'	[NEW (1)2/#8 U.F. W/ GND]	T
12**	1	2"	50'	[NEW (1)2/#8 U.F. W/ GND]	T
13	1	4"	1'	[NEW (1)16/#14, (8)5/#14, (2)4/#18, (1)#6 GND]	T
	1	4"	1'	[NEW (1)COAX CABLE, (1)#6 GND]	
14	1	4"	8'	[NEW (2)5/#14, (1)#6 GND]	T
15	1	3"	5'	[NEW (6)5/#14, (1)#6 GND]	T
16	1	2.5"	7'	[NEW (2)5/#14, (1)#6 GND]	T
17	1	2.5"	10'	[NEW (2)5/#14, (1)#6 GND]	T
18	1	4"	11'	[NEW (4)5/#14, (1)#6 GND]	T

* EXISTING CONDUIT
** PROPOSED GALVANIZED STEEL CONDUIT

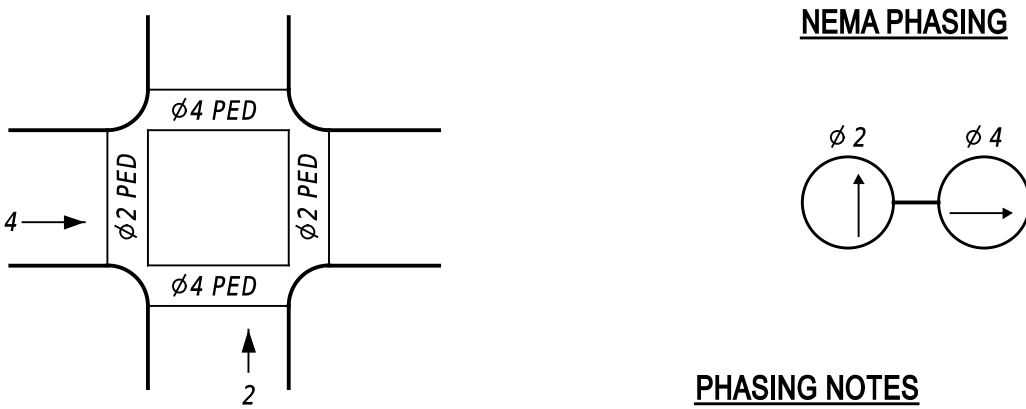
B=BORE, T=TRENCH, O=OPEN CUT

ADDITIONAL SIGNAL NOTES

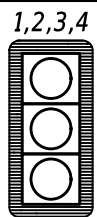
- DEACTIVATE AND REMOVE PEDESTRIAN SIGNAL HEADS, POLE, AND POLE BASE (PL-4) ON THE SOUTHWEST CORNER BEFORE CONSTRUCTING POLE BASE FOR PL-5.
- CONSTRUCT AND ACTIVATE PROPOSED VEHICULAR SIGNALS ON MAST ARM 1 BEFORE REMOVING EXISTING POLES 1 AND 2.
- DEACTIVATE REMAINING PEDESTRIAN SIGNALS DURING REMOVAL OF POLES 1 AND 2 AND REPLACEMENT OF JUNCTION WELLS ON THE SOUTH EAST AND NORTH EAST CORNERS.
- DELMARVA SHALL REMOVE EXISTING OVERHEAD SERVICE CONNECTION TO POLE 1.
- INSTALL POLE MOUNTED CONTROLLER CABINET ON MAST ARM POLE PL-5. ADD 90 DEGREE SWEEP FOR CONDUIT RUN CO-13 BELOW GRADE AND RUN CONDUIT VERTICALLY INTO BASE OF CABINET.
- DELDOT FORCES SHALL REMOVE EXISTING BLUETOOTH DEVICE NBT-0161 FROM POLE 1. DELDOT FORCES SHALL INSTALL NEW CONNECTION FROM NEW SIGNAL CABINET TO BLUETOOTH DEVICE NBT-0161 ON PROPOSED POLE 5.
- THE FOLLOWING TYPICAL APPLICATIONS SHALL BE UTILIZED FOR CONSTRUCTION - TA-3, TA-10, AND TA-47. ADDITIONAL TYPICAL APPLICATIONS MAY BE REQUIRED BASED ON FIELD CONDITIONS.
- CONTRACTOR SHALL BOND AND GROUND ALL EXISTING JUNCTION WELLS FOLLOWING STANDARD CONSTRUCTION DETAIL T-2.
- REMOVE EXISTING MAST ARM FOUNDATION USING ITEM 834501 TO A DEPTH SUFFICIENT TO INSTALL THE PROPOSED JUNCTION WELL. INSTALL PROPOSED JUNCTION WELL AND CONNECT TO CONDUIT RUNS CO-1, CO-9, AND CO-18.
- REPLACE EXISTING COMPOSITE TYPE-11 LID WITH NEW STEEL TYPE-1 LID.
- REMOVE EXISTING POLE 3 AND INSTALL NEW BLACK POWDER COATED ALUMINUM POLE ON EXISTING POLE BASE.
- WHEN CONSTRUCTING THE MAST ARM POLE BASE FOR PL-5, THE CONTRACTOR SHOULD EXCAVATE BELOW GROUND LEVEL TO 12-FT TO REMOVE THE LOOSE SAND AT 10 TO 12-FT AND REPLACE WITH COMPACTED FILL WITH SOIL EXCAVATED BETWEEN 4-FT AND 8-FT.

SIGNAL PHASING

NEMA PHASING



SIGNAL HEAD DIAGRAM



LEGEND

(AB)	ABANDON	(OH)	EXISTING OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	EXISTING CABINET IDENTIFIER (TYPE OF CABINET)	(OH)	PROPOSED OVERHEAD RUN IDENTIFIER (# OF OVERHEAD RUN)
(CA)	PROPOSED CABINET IDENTIFIER (TYPE OF CABINET)	(PB)	EXISTING POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO)	EXISTING CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PB)	PROPOSED POLE BASE IDENTIFIER (TYPE OF POLE BASE)
(CO)	PROPOSED CONDUIT RUN IDENTIFIER (# OF CONDUIT RUN)	(PL)	EXISTING POLE IDENTIFIER (# OF POLE)
(JW)	EXISTING JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(PL)	PROPOSED POLE IDENTIFIER (# OF POLE)
(JW)	PROPOSED JUNCTION WELL IDENTIFIER (TYPE OF JUNCTION WELL)	(RM)	REMOVE BY CONTRACTOR
(MA)	EXISTING MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM)	REMOVE BY OTHERS
(MA)	PROPOSED MAST ARM IDENTIFIER (LENGTH OF ARM)	(RM)	REMOVE BY TRAFFIC CONTRACTOR

	EXISTING SYMBOL	PROPOSED SYMBOL
JUNCTION WELL	J.W.	
LOOP DETECTOR, TYPE 1		
LOOP DETECTOR, TYPE 2		
LUMINAIRE		
MAST ARM		
MICROWAVE DETECTION		
OPTICOM RECEIVER		
OVERHEAD SIGNING		
PEDESTRIAN POLE/BASE		
PEDESTRIAN PUSHBUTTON		
PEDESTRIAN SIGNAL HEAD		
RIGHT-OF-WAY		R/W
SERVICE PEDESTAL	P	P
SIGNAL CABINET		
SIGNAL HEAD		
SIGNAL POLE/BASE		
CCTV CAMERA		
SPAN WIRE	XX	
UTILITY POLE		
VIDEO DETECTION		
BLUETOOTH DETECTOR		

GENERAL SIGNAL NOTES

- ALL SIGNAL EQUIPMENT REMOVED FROM A PROJECT IS TO BE RETURNED TO DELDOT TRAFFIC - DOVER, DELAWARE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY, AND/OR THE APPROPRIATE UTILITY PRIOR TO THE BEGINNING OF CONSTRUCTION FOR THE UTILITY MARKOUTS. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY DELDOT TRAFFIC IMMEDIATELY BEFORE CONSTRUCTION.

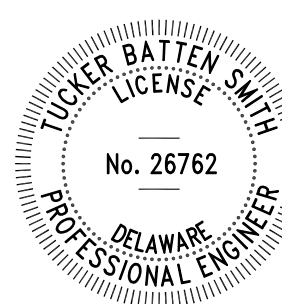
PREPARED BY
McCORMICK TAYLOR

S.B.S.

THIS SEAL APPLIES TO ALL SHEETS BEARING THE "McT" SECTION DESIGNATION.

6-17-2025

DATE



SEAL

CONCURRENCE FOR INSTALLATION

COMMISSIONER, DEPARTMENT OF PUBLIC WORKS, CITY OF WILMINGTON

DATE

CONTRACT

T202220003

COUNTY

NEW CASTLE

PERMIT NO.

W663

DESIGNED BY:

T. SMITH

CHECKED BY:

B. HANOVER

SOUTHBRIDGE STREETScape IMPROVEMENTS PHASE III

SCALE



ADDENDA / REVISIONS

SIGNAL PLAN NEW CASTLE AVENUE @ C STREET

SECTION

McT

SHEET NO.

37